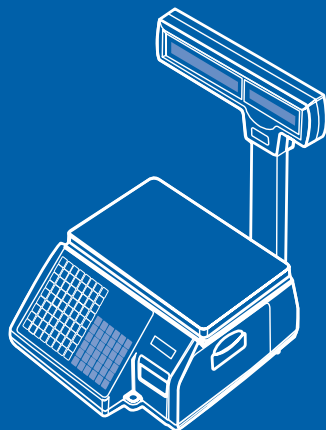


CL5000 SERIES

Label Printing Scale



www.globalcas.com

OWNER'S MANUAL

CAS

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1.GENERAL

1.1 PRECAUTIONS

Warning

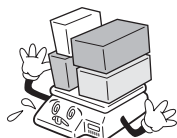
Precautions when installing the scale. To ensure that you get the most from your scale, please follow these instruction.

Do not disassemble the scale.

When any damage or defect occurs, contact your CAS authorized dealer immediately for proper repair.



Do not overload beyond the maximum weight limit.



Scale must be grounded to minimize electricity static.

This will minimize defect or electric shock.

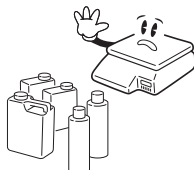


Do not pull the plug by its cord when unplugging.

Damaged cord could cause electric shock or fire.



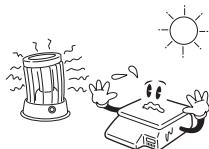
To prevent from fire occurring, Do not place or use the scale near flammable or corrosive gas.



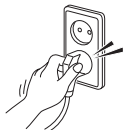
To reduce electric shock or incorrect reading, Do not spill water on the scale or place it in humid condition.



Avoid placing the scale near heater or in direct sunlight.

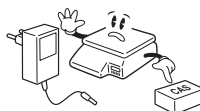


Insert plug firmly to wall outlet to prevent electric shock.



Use proper Adapter.

Incorrect adapter could damage the scale.



Attention

Make sure to plug your scale into the proper power outlet. For maximum performance, plug into a power outlet 30 minutes before the usage for warm up.

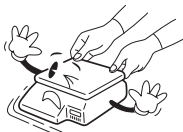
For consistent and accurate reading, maintain periodical check by your CAS authorized dealer.



Avoid sudden shock to the scale.



Grab on the bottom of the scale when moving.



Keep the scale away from other electromagnetic generating devices.

This may interfere with accurate reading.



Place the scale on firm and temperature consistent environment.



By adjusting 4 corners of the scale, set the scale even using the built in scale leveling indicator.



•CE Mark Warning

This is a Class A product. In a domestic environment this product may cause radio interference in which case the user may be required to take adequate measures.

1.2 INTRODUCTIONS

Thank you for purchasing the CAS CL5000 price computing electronic printing scale. We have designed this equipment with many advanced features, high quality construction, and user-friendly menu driven programming.

We are confident that you will find the CAS CL5000 scale will meet all of your most demanding needs.

Remember, for proper installation and maintenance please have your Authorized CAS Dealer do the primary installation, programming, and demonstration. Your CAS Authorized Dealer also has a wide variety of supplies, accessories, and expansion options for whatever your new and increasing demands may require. Authorized CAS dealers are trained to help you with every aspect of the CL5000 and should you need servicing, they are expertly trained by CAS to assist you with virtually any problem.

1.3 SPECIFICATIONS

| | | | | |
|---------------------|----------------------|----------|---------------|--------------|
| Max. Capacity | 6/15kg | 15/30kg | 15/30 lb | 30/60 lb |
| Interval | 2/5g | 5/10g | 0.005/0.01 lb | 0.01/0.02 lb |
| Max. Tare | -5.998kg | -9.995kg | -9.995 lb | -29.99lb |
| A/D Conversion Rate | Approx. 8 times/sec. | | | |
| Measurement Type | Load Cell | | | |
| Platter Size | 382 x 246 mm | | | |

| | | | | |
|-----------|---|-----------------------------------|---|-----------------------------------|
| Key | Standard Type (B) | 48 PLU key, 36 function key | Pole Type (P, R,G) Hanging Type (H) | 72 PLU key, 36 function key |
| Speed Key | | 96 PLU | | 144 PLU |
| Display | 24 digit VFD + Graphic LCD (B, P, R, H) , Graphic LCD (G) | | | |
| | Tare : 4 digit Weight : 5 digit Unit Price : 6 digit Total Price : 6 digit | | Weight : 5 digit Unit Price : 6 digit Total Price : 7 digit | |

| | |
|---------------------|---|
| Printer | Speed 100 mm/sec. |
| Printing Resolution | 202 dpi |
| Label Size | Width: 40mm~60 mm Length: 30mm~120 mm |
| Barcode Type | UPC, EAN13, EAN13A5, I2OF5, CODE128, CODE39, CODE93, CODABAR MSI/PLESSEY, IATA2OF5 |
| Font | Small, Middle, Large Size, Free Format, Italic, Bold, Underline, Through Line, Double through line, Reverse, shadow, outline |
| Printer Type | DIRECT THERMAL PRINT |

| | |
|-----------------|-----------------------------|
| Operating Temp. | -10°C ~ 40°C (14°F ~ 104°F) |
| Power | AC 100~240V 50/60Hz 1.5A |

| | | Number | Range |
|-------------------|-----------------------------|--------|-------------|
| Programmable Data | PLU | 3000 | 1~99999 |
| | Ingredient 510 character | 999 | 1~999 |
| | User Defined Barcode Format | 99 | 1~99 |
| | Department | 99 | 1~99 |
| | Tax Type | 9 | 1~9 |
| | Group | 99 | 1~99 |
| | Clerk | 31 | 1~31 |
| | Discount | 99 | 1~99 |
| | Origin | 499 | 1~499 |
| | Traceability | 99 | 1~99 |
| | Slaughter House | 99 | 1~99 |
| | Cutting Hall | 99 | 1~99 |
| | Traceability Country | 99 | 1~99 |
| | Label Format | 45 | Fixed |
| | | 20 | Free Format |
| | Bitmap Image | 14 | 1~99 |
| | Customer | 99 | 1~99 |
| | Quanty symbol | 8 | 1~8 |
| | Scroll Message | 9 | 1~9 |
| | X1,X2,Z1,Z2 Report | | |
| | Pay Type | 7 | |
| | Sales Message | 99 | 1~99 |
| | Nutrifact | 99 | 1~99 |
| | Tare Table | 99 | 1~99 |

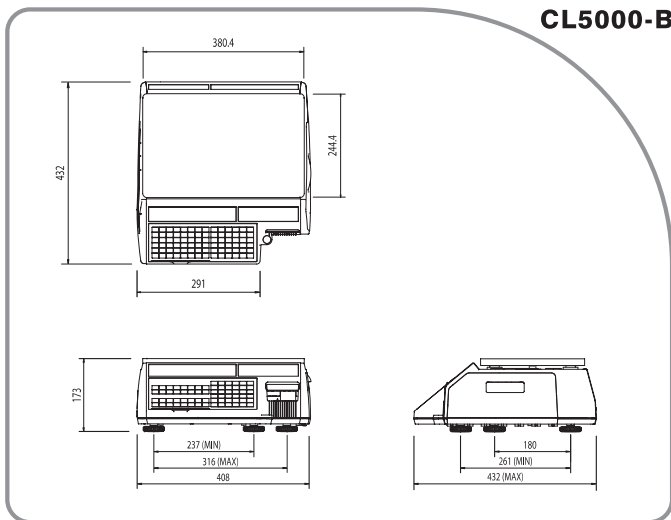
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|-------------------|--|
| Sales Period | Dual totals for daily/monthly or user selectable reporting period. |
| Sales Report Mode | Read : X1/X2 Mode, Read & Reset: Z1/Z2 Mode |

Note: Specifications are subject to change without notice.

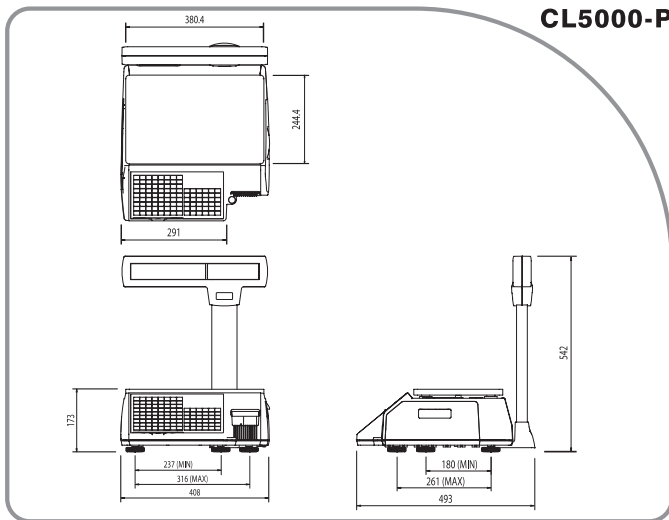
1.4 NAME AND FUNCTIONS

OVERALL VIEW

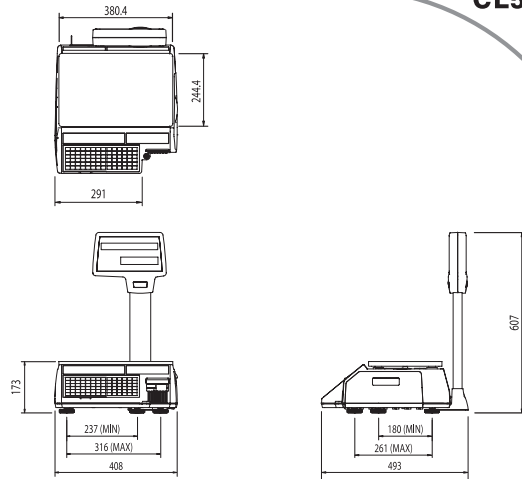
CL5000-B



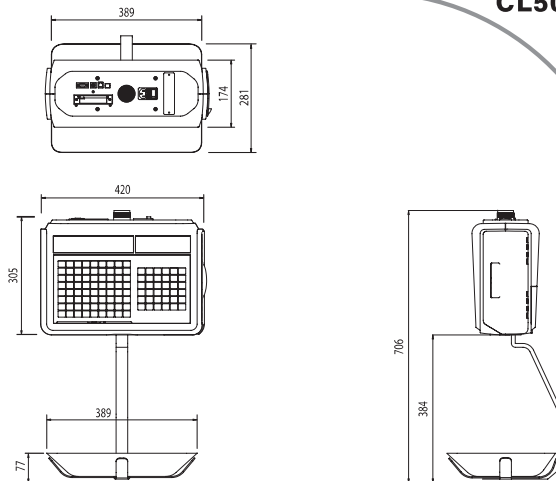
CL5000-P



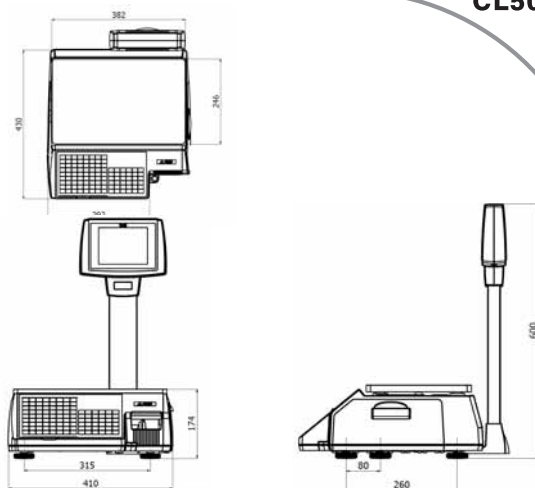
CL5000-R



CL5000-H



CL5000-G



OVERALL VIEW

TYPE-I : 5/8/9



TYPE-II : 4/5/6/6

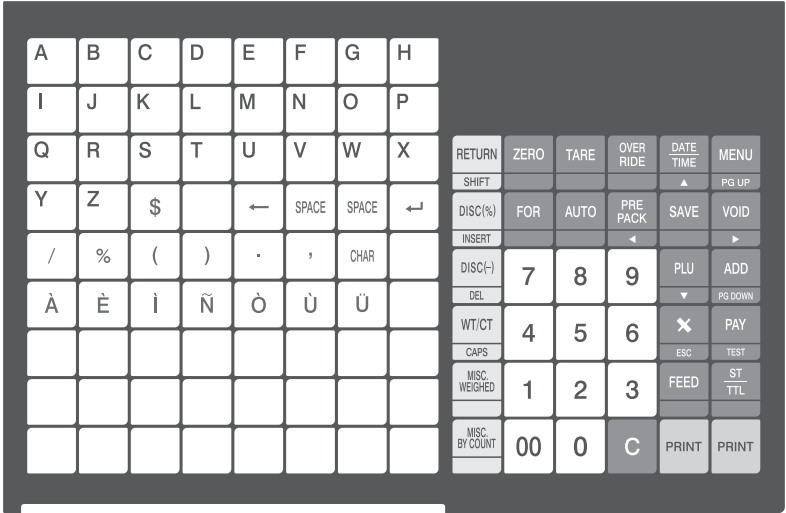


TYPE-III : CL5000-G



KEYBOARD

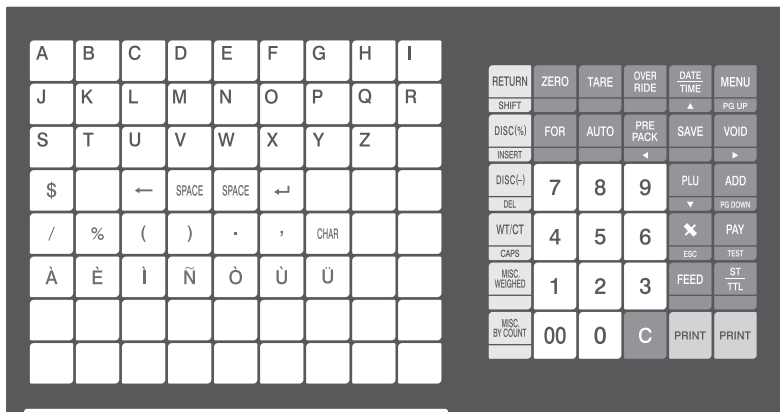
Pole type



Standard



H-Type (hanging type)



1.5 Basic set - up

How to install tray















H – type mounting method(3 suggested)















1.6 SYMBOLS










| SYMBOLS | | DESCRIPTION |
|-------------------|----------|------------------------------------|
| B, P, R, H - TYPE | G - TYPE | |
| ST (▼) | ST | Stable weight indicator |
| 0 | ZR | Zero weight indicator |
| NET (▼) | NET | Net weight indicator |
| AUTO | AT | Print Mode indicator |
| SAVE | SV | Auto clearing status indicator |
| PREPACK | PRK | Auto clearing status indicator |
| DC (▼) | DC | Discount status indicator |
| SHIFT (▼) | SH | Speed key shift status indicator |
| TR | TR | Data transmission status indicator |

1.7 KEY FUNCTIONS

| KEY | DESCRIPTION |
|-----|---|
| | Numeric keys. Used to enter pricing, qty, count, tare, etc. |
| | Double zero key. |
| | Clear key. Used to clear erroneous entries and error conditions. |
| | Re-Zero key. Use to remove small variations in the scale's zero. |
| | Tare key. Use to manually enter and remove tare weights. |
| | Override key. For temporary price change entry. |
| | Date & Time key. Toggles the display between time, date, scale number and department number. |
| | MENU key. This key toggles from program menu to sale mode. Page up key: Used to go to previous page in program mode. |
| | For key. Use this key for by- count or by pcs pricing: 3 @ 3 FOR \$1.00. It toggles between the QTY, PIECE, and PRICE fields. |
| | AUTO key. Auto-print mode |
| | Pre-Pack key. Used to enter Pre-Packaging mode in which the scale Auto-prints for every transaction and prevents the auto clearing of data. |
| | Save key. Save mode prevents the auto clearing of any called-up data like tare weight, PLU pricing, etc. |
| | Void key. To remove erroneous sales from ADD-Up |
| | When you type a PLU number and press this key, it calls-up that PLU. |

| KEY | DESCRIPTION |
|---|---|
|  | ADD-Up key. This key when used in conjunction with ST/TTL key allows you print a customer-total label as well as individual transaction labels. |
|  | Multi-Label key. Use this key to print multiple sales of the same transaction. Escape key. It is used to exit in program mode. |
|  | Subtotal / Total key. Used with the ADD key in order to print ustomertotals. Test key. Used to print test pattern |
|  | Feed key. Use this key to feed labels or paper through printer |
|  | Pay key. Use this key to calculate change. |
|  | Print key. Used to manually print transactions and also serves as an ENTER key. |
|  | Return key. Used to credit sales for erroneous transactions or returns. Shift Key. Used to SHIFT function in program Mode |
|  | Discount % key. Used to discount price. Insert key: Insert mode for text typing in program mode. |
|  | WT/CT key. Toggles between Weight PLU and Count PLU. DELETE key. Used to delete text data in program mode |
|  | Miscellaneous Weighed PLU key. |
|  | Miscellaneous By-Count PLU key. |
|  | Miscellaneous PCS PLU key. |
|  | Negative Discount |
|  | Special Discount by Special Unit Price |

| KEY | DESCRIPTION |
|---|---|
|  | To change the price of PLU called-up to negative price. |
|  | Change Fixed Price Called PLU |
|  | Open Cash Drawer |
|  | To show total amount added-up. (Greek) |
|  | Call Reference PLU |
|  | To continue to use the weight selected by user. |
|  | To switch label to ticket and vice versa. |
|  | On/Off LCD Backlight |
|  | Edit Sell by Date |
|  | Edit Origin |
|  | Edit PLU Item |
|  | Edit Discount |
|  | To assign speed key. |
|  | Clerk Key |

| KEY | DESCRIPTION |
|---|---|
|  | Indirect Clerk Call |
|  | Alpha keys. Used to type text data. |
|  | Used to type \$ |
|  | For future |
|  | Backspace key. Used to backspace and delete text data. |
|  | Space bar. |
|  | Used to go to next line to enter text |
|  | Special symbol keys. |
|  | Used to type special symbol. (See ASCII code table on page 194) |

Note: X key is only used in sale mode and ESC key is only used in program mode.

Sale mode : X key

Program mode : ESC key



1.8 Installation of the Label Roll

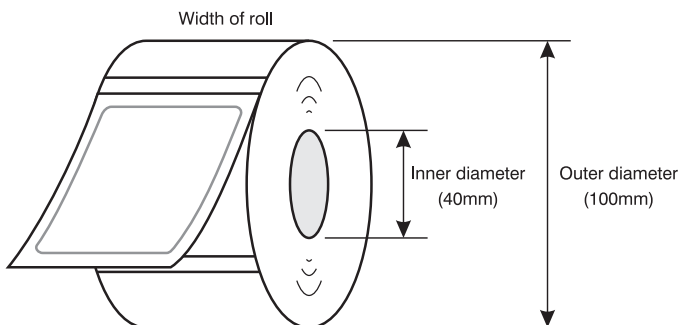
• Label Specifications

Outer diameter of roll : 100mm

Inner diameter of roll : 40mm

Width of receipt roll : 40, 50, 60mm

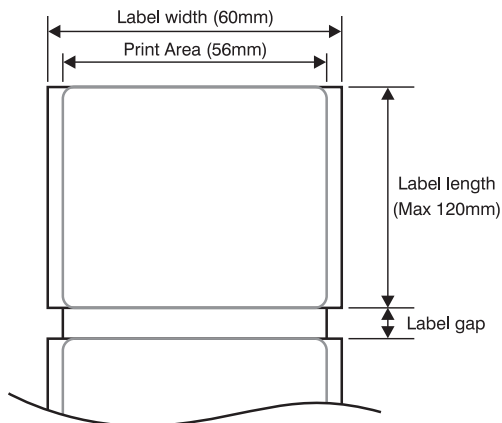
Width of label roll : 60mm(MAX)



• Print Area

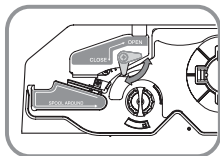
Width of label : 60mm(MAX)

Length of label : 120mm(MAX)

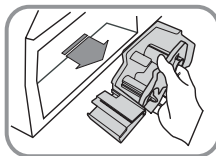


To install the label roll at ANY time you must follow the directions in this section:

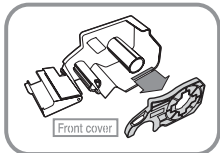
- ① Turn lever to open position.



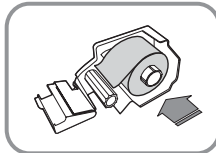
- ② Remove the cartridge.



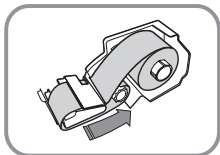
- ③ Remove the front cover.



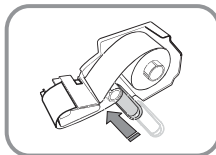
- ④ Insert the roll paper.



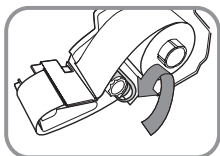
- ⑤ Spool the paper to unwinder.



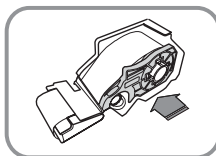
- ⑥ Push the clip until it clicks.



- ⑦ Turn the clip for several times.



- ⑧ Close the front cover.



Press the FEED key. Scale prints twice for auto Label adjustment

*If label position is not correct, you have to check follows :

- a. Label size.(Label setting menu)
- b. Feed Adjustment .(Feed adjustment menu)
- c. Sensor calibration(Sensor Calibration menu)

2. PROGRAMMING

Program Mode Menu Tree (Menu code : 1000)

| CODE | Menu | CODE | Sub Menu | CODE | Sub Menu |
|------|-------------------|------|-------------------|------|-----------------------------|
| 1100 | PLU | 1110 | Change unit price | | |
| | | 1120 | New/Edit | | |
| | | 1130 | Discount | 1131 | New/Edit Discount |
| | | | | 1132 | List Discount |
| | | | | 1133 | Delete Discount |
| | | | | | 1137 Delete by PLU(DC) |
| | | | | | 1138 Delete by Dept, No(DC) |
| | | | | | 1139 Delete All(DC) |
| | | 1140 | Management | 1141 | Copy |
| | | | | 1142 | Delete |
| | | | | | 1147 Delete by PLU No |
| | | | | | 1148 Delete by Dept, No |
| | | | | | 1149 Delete All |
| | | | | 1143 | Move |
| | | | | 1144 | Select PLU Items |
| | | | | 1145 | PLU Sale Count |
| | | 1150 | List | | |
| | | 1160 | Speed Key | | |
| | | 1170 | Sample Printing | | |
| 1200 | PLU Data Table I | 1210 | Department | | |
| | | 1220 | Group | | |
| | | 1230 | Tax Rate | | |
| | | 1240 | Sales Message | | |
| | | 1250 | Origin | | |
| | | 1260 | Barcode | | |
| | | 1270 | Tare | | |
| | | 1280 | Unit Symbol | | |
| 1300 | PLU Data Table II | 1310 | Ingredient | | |
| | | 1320 | Nutrition Facts | | |
| | | 1330 | Traceability | | |
| | | 1340 | Country | | |
| | | 1350 | Slaughter House | | |
| | | 1360 | Cutting Hall | | |

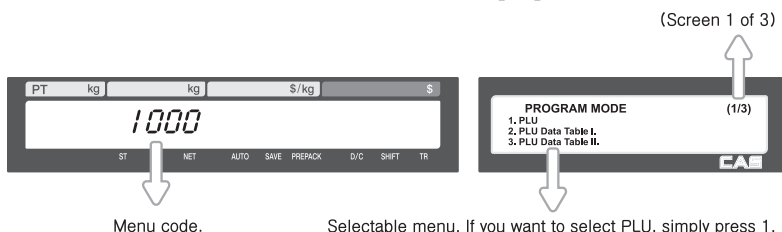
| CODE | Menu | CODE | Sub Menu | CODE | Sub Menu |
|------|------------------|------|------------------------|------|---------------------|
| 1400 | Store Data Table | 1410 | Store | | |
| | | 1420 | Customer | | |
| | | 1430 | Scroll Message | 1431 | Configuration |
| | | | | 1432 | Edit Scroll Message |
| | | | | 1433 | List Scroll Message |
| | | 1440 | Currency | | |
| | | 1450 | Job Batch Schedule | | |
| | | 1460 | Scanner | | |
| | | 1470 | Label Format Key Table | | |
| 1500 | Global Setting | 1510 | Label Format | | |
| | | 1520 | Barcode | | |
| | | 1530 | Discount | 1531 | Priority Setting |
| | | | | 1532 | Weight Discount |
| | | | | 1533 | Count Discount |
| | | | | 1534 | PCS Discount |
| | | 1540 | Tax | 1541 | Set Global Tax |
| | | | | 1542 | Global Tax Number |
| 1600 | Report | 1610 | X1 Report | 1611 | Scale |
| | | | | 1612 | PLU |
| | | | | 1613 | Misc. PLU |
| | | | | 1614 | Group |
| | | | | 1615 | Department |
| | | | | 1616 | Hourly |
| | | | | 1617 | Clerk |
| | | 1620 | Z1 Report | | |
| | | 1630 | X2 Report | 1631 | Scale |
| | | | | 1632 | PLU |
| | | | | 1633 | Misc. PLU |
| | | | | 1634 | Group |
| | | | | 1635 | Department |
| | | | | 1636 | Hourly |
| | | | | 1637 | Clerk |
| | | 1640 | Z2 Report | | |
| | | 1650 | Clear All | | |

| CODE | Menu | CODE | Sub Menu | CODE | Sub Menu |
|------|--------------|------|-----------------------------|------|--------------------|
| 1700 | Print | 1710 | Print Label Item | | |
| | | 1720 | Markdown | | |
| | | 1730 | Printer Hardware | 1731 | Print Mode |
| | | | | 1732 | Label/Ticket Size |
| | | | | 1733 | Sensor Calibration |
| | | | | 1734 | Sensor & Motor |
| | | | | 1735 | Print Intensity |
| | | | | 1736 | Adjust Feed Length |
| | | | | 1737 | Label Preprint |
| | | 1740 | Serial Number Format | | |
| | | 1750 | Add-Up Total | | |
| | | 1760 | Ticket | 1761 | Select Ticket Item |
| | | | | 1762 | Select List Item |
| 1800 | Scale Config | 1810 | Scale Mode | | |
| | | 1820 | Operation Mode | | |
| | | 1830 | Scale ID | | |
| | | 1840 | Date/Time | | |
| | | 1850 | User/Security Configuration | 1851 | New/Edit User |
| | | | | 1852 | Change Password |
| | | | | 1853 | List User |
| | | | | 1854 | Delete User |
| | | | | 1855 | Config Permission |
| | | | | 1856 | Clerk Key |
| | | 1860 | Test | 1861 | Display |
| | | | | 1862 | A/D |
| | | | | 1863 | Keyboard |
| | | | | 1864 | Chess Printer |
| | | | | 1865 | Printer Sensor |
| | | | | 1866 | Memory Information |
| | | | | 1867 | Firmware Version |
| | | 1870 | Scale Parameter | 1871 | Display |
| | | | | 1872 | Printing |
| | | | | 1873 | Sale setup |
| | | | | 1874 | Clerk Logout |
| | | 1880 | Function Key Define | | |

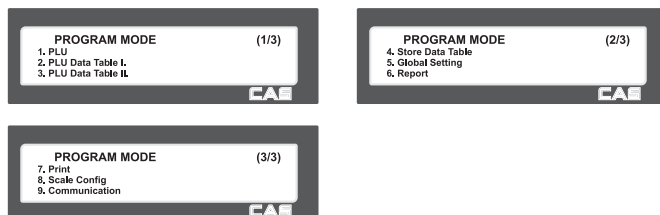
| CODE | Menu | CODE | Sub Menu | CODE | Sub Menu |
|------|---------------|------|-------------------|------|--------------|
| 1900 | Communication | 1910 | Network Setting | 1911 | Service Type |
| | | | | 1912 | DHCP |
| | | | | 1913 | IP |
| | | | | 1914 | Remote IP |
| | | | | 1915 | RS232C |
| | | | | 1916 | WLAN Setting |
| | | | | 1917 | WLAN Config |
| | | 1920 | Application | | |
| | | 1930 | Scale Lock/Unlock | | |
| | | 1940 | Check Scale | | |
| | | 1950 | Backup to Scale | | |

You can have an access to the Program Menu screen by pressing the MENU key.

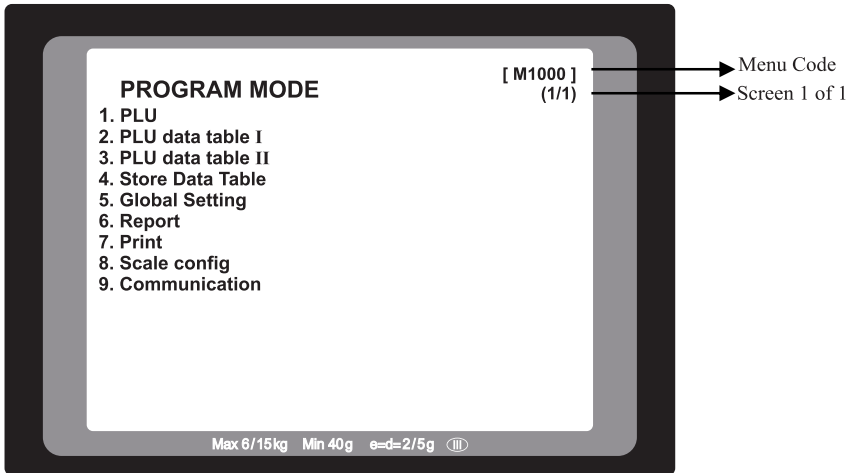
The 2 numbers at top right (1/3) indicates the number of pages or screens. The number on the left slash is the current page or screen number and the number of the right slash indicates the total number of pages or screens. You can use the PG UP and PG DOWN keys to navigate from page to page, or you can use the Arrow keys on the menu keypad to go through each page. Each type of the CL-5000 will show this function on the screen as seen below sample pictures.



If you press “PG DOWN” key, you can see other menu screens as below.



The Screen capture of CL5000-G is as seen bellow



Selectable menu. If you want to select PLU, simply press 1.

2.1 PLU Programming

You can set 47 items for a PLU as below table and if you do not want to use some items, you can prohibit those items in menu code:1144.

| No | Item | Description |
|----|----------------------|--|
| 1 | Department | Department No. |
| 2 | PLU No | PLU No. |
| 3 | PLU Type | Select PLU type among By Weight, By Count or By-PCS |
| 4 | Name | Enter name 1 of item. Maximum 40 characters. |
| 5 | Name 2 | Enter name 2 of item. Maximum 40 characters. |
| 6 | Name 3 | Enter name 3 of item. Maximum 40 characters. |
| 7 | Group No. | Select group number. This value can be from 0 to 99. |
| 8 | Label No. | (0~99) (0=Do not use Label No.), Label Formats "1~30". If Global Setting is YES, it is not shown. |
| 9 | Aux. Label No. | (0~99) (0=Do not use Label No.), Label Formats "1~30". This function prints aux. label as saved number of label number |
| 10 | Origin No. | (0~500) 0=Do not use origin. |
| 11 | *Unit Weight | Unit weight of Price(No.19) (2:unit price for 100g, 1:unit price for 1kg) |
| 12 | *Fixed Weight | The weight is fixed regardless of item |
| 13 | Prefix | Enter serial code for PLU (Greece version of CL5000 series) |
| 14 | Item code | Item code |
| 15 | Use Fixed Price Type | You can set whether use Fixed Price or not |
| 16 | Pieces | (0-999) Set the number for By-PCS PLU |
| 17 | Quantity Symbol ID | (0~8) Set symbol of PCS or Count |
| 18 | Fixed price | Price is fixed regardless of weight or pcs |
| 19 | (Unit) Price | This value can be from 0 to 999999. |
| 20 | Special Price | It can be unit price by using Special key. |
| 21 | Tax No. | Enter tax number. This value can be from 0 to9 |

| No | Item | Description |
|----|---------------------|---|
| 22 | *Tare / Tare No. | You can enter tare weight manually or enter No. of tare data. (By-weight PLU) |
| 23 | *% Tare | 0~99.99 You can enter tare weight as percentage of item. If you set it to 20%, 20% of item is tare weight. |
| 24 | *Tare % Limit | 0~99.99 You can enter tare limit. %tare < = % limit -> Gross weight is printed %tare > % limit -> Net weight is printed |
| 25 | Barcode No. | This value can be from 0 to 99, If Global Setting is YES, it is not shown. |
| 26 | Barcode2 No. | This value can be from 0 to 99 |
| 27 | Picture No. | Image no |
| 28 | Produced Date | (0~999) This is subtracted to the current date in order to be calculated. |
| 29 | Packed Date | (0~999) This is added to the current date in order to be calculated. |
| 30 | Packed Time | (0~99) If you set it to 0, it is not printed |
| 31 | Sell-by Date | (0~9999) This is expirations date that is numbered in days and added to the Packed On date in order to be calculated. If you set it to 0, it is not printed |
| 32 | Sell-by Time | (0~99) If you set it to 0, it is not printed |
| 33 | Cook-by Date | (0~9999) This is expirations date that is numbered in days and added to the Packed On date in order to be calculated. |
| 34 | Ingredients No. | (0~999) Enter ingredients |
| 35 | Traceability No. | (0~99) Enter traceability No. |
| 36 | Bonus | For future use. |
| 37 | Nutri. Fact No. | (0~500) Enter nutrition fact ID |
| 38 | Sales Msg No. | (0~99) Enter sales message No. |
| 39 | Reference PLU Dept. | (0~99) Enter reference department No. |
| 40 | Reference PLU No. | (0~999999) Enter reference PLU No. |
| 41 | Coupled PLU Dept. | (0~99) Enter coupled PLU department |
| 42 | Coupled PLU No. | (0~999999) Enter coupled PLU No. |

| No | Item | Description |
|----|-----------------|---------------------------------------|
| 43 | # of Link PLU | (0~2) Enter the number of linked PLU. |
| 44 | Link PLU1 Dept. | (0~99) Enter PLU1 department No. |
| 45 | Link PLU1 No. | (0~999999) Enter PLU1 No. |
| 46 | Link PLU2 Dept. | (0~99) Enter PLU2 department No. |
| 47 | Link PLU2 No. | (0~999999) Enter PLU2 No. |

* These items are shown on the display when you select By Weight PLU.
These items are shown on the display when you select By Count or By PCS PLU.

2.1.1 Create By-Weight PLU (Menu code 1120)

(NEW/Edit PLU : MENU → 1. PLU → 2. New/Edit)

You can press the SAVE key at anytime to save the current PLU data and
if you want to exit without saving, press the ESC key.

Note: You may experience different item menus. You can modify menu items at menu (1144)

1. Create By-Weight PLU (Menu code 1120)

- Department should be set previously

EX) Department No. = [1] Default
PLU No. : [1]

1

PRINT

1

PRINT

NEW/ EDIT
Department No.: [1] Default
PLU No. : [1] No Data or Param
CAS

2. Select PLU Type

1. By Weight
2. By Count
3. By PCS

EX) BY-Weight Item

1

PRINT

PLU No. : 1 (1/△△)
PLU Type : [1]
1. By-Weight
[SAVE]=Save [ESC]=Escape
CAS

By-Weight PLUs are priced as price-perweight;
for example, \$3.99/lb or \$1.99/kg.

You must weigh these PLUs before you can
execute a sales transaction.

3. Enter PLU Name 1

EX) “BEEF”

B

E

E

F

PRINT

PLU No. : 1

(2/△△)

Name 1: [BEEF]

[SAVE]=Save [ESC]=Escape

CAS

4. Enter PLU Name 2

EX) “Sirloin”

S

RETURN
SHIFT

I

R

L

O

I

N

PRINT

PLU No. : 1

(3/△△)

Name 2: [Sirloin]

[SAVE]=Save [ESC]=Escape

CAS

5. Enter PLU Name 3

EX) “STEAK”

S

T

E

A

K

PRINT

PLU No. : 1

(4/△△)

Name 3: [STEAK]

[SAVE]=Save [ESC]=Escape

CAS

6. Select Group

- If there is no group for this PLU, enter 0.

EX) 1. Meat

1

PRINT

PLU No. : 1

(5/△△)

Group : [1]

1. Meat

[SAVE]=Save [ESC]=Escape

CAS

7. Select Label Format

- If you enter 0, standard label format (menu code 1510) is used.
- For details about label format, refer to 8. Setting Global option

EX) 1. IS6030-0000(60x30)

1

PRINT

PLU No. : 1

(6/△△)

Label No. : [1]

1. IS6030-0000(60X30)

[SAVE]=Save [ESC]=Escape

CAS

PLU No. : 1

(7/△△)

Aux. Label No. : [1]

1. IS6030-0000(60X30)

[SAVE]=Save [ESC]=Escape

CAS

8. Select Origin

- If you do not want to use origin, enter 0.

EX) 49. China

4 9 PRINT

PLU No. : 1 (8/△△)
Origin No. : [1]
49. China
[SAVE]=Save [ESC]=Escape

9. Enter Fixed Weight

- If there is no group for this PLU, enter 0.
- If there is no group for this PLU, enter 0

EX) Do not use Fixed Weight

0 PRINT

PLU No. : 1 (9/△△)
FixedWeight : [0.000] Kg
[SAVE]=Save [ESC]=Escape

10. Enter Prefix

- If you do not want to use, enter 0.

EX) Do not use Fixed Weight

1 PRINT

PLU No. : 1 (10/△△)
Prefix : [1]
[SAVE]=Save [ESC]=Escape

11. Item Code

- If there is no group for this PLU, enter 0

EX) Item Code = 1941

1 9 4 1 PRINT

PLU No. : 1 (11/△△)
ItemCode : [1941]
[SAVE]=Save [ESC]=Escape

12. Use Fixed Price Type

- 0 : normal price
- 1 : fixed price

1 PRINT

PLU No. : 1 (12/△△)
Use Fixed Price Type : [1]
[SAVE]=Save [ESC]=Escape

13. Price

EX) Price = \$10.00

1 0 0 0 PRINT

PLU No. : 1 (13/△△)
Price : [10.00]
[SAVE]=Save [ESC]=Escape

14. Special Price

Note: Special price key must define first menu code (1880)

EX) Price = \$10.00

| | | | | |
|---|---|---|---|-------|
| 2 | 0 | 0 | 0 | PRINT |
|---|---|---|---|-------|

| | |
|--------------------------|---------|
| PLU No. : 1 | (14/△△) |
| Special Price : [20.00] | |
| [SAVE]=Save [ESC]=Escape | |

15. Tax No.

- May be changed by setting Menu code 1541.
- If you do not want to use, enter 0 .

EX) Tax data 1

| | |
|---|-------|
| 1 | PRINT |
|---|-------|

| | |
|--------------------------|---------|
| PLU No. : 1 | (15/△△) |
| Tax No. : [1] | |
| [SAVE]=Save [ESC]=Escape | |

16. Tare

- You can use Tare Table, depending on the setting of Parameter 584

EX) Tare Value = 100g

| | | | |
|---|---|---|-------|
| 1 | 0 | 0 | PRINT |
|---|---|---|-------|

| | |
|--------------------------|---------|
| PLU No. : 1 | (16/△△) |
| Tare : [0.100] Kg | |
| [SAVE]=Save [ESC]=Escape | |

17. %Tare

EX) 10.00%

| | | | | |
|---|---|---|---|-------|
| 1 | 0 | 0 | 0 | PRINT |
|---|---|---|---|-------|

| | |
|--------------------------|---------|
| PLU No. : 1 | (17/△△) |
| %Tare : [10.00] | |
| [SAVE]=Save [ESC]=Escape | |

18. Tare % limit

- If you do not want to use, enter 0 .

EX) Barcode Data Table 1

| | |
|---|-------|
| 1 | PRINT |
|---|-------|

| | |
|--------------------------|---------|
| PLU No. : 1 | (18/△△) |
| Tare %Limit : [0.00] | |
| [SAVE]=Save [ESC]=Escape | |

19. Barcode No.

- You can use barcode ID depending on the setting of Menu code 1520

EX) Barcode Data Table 1

| | |
|---|-------|
| 0 | PRINT |
|---|-------|

| | |
|-----------------------------------|---------|
| PLU No. : 1 | (19/△△) |
| Barcode No. : [1] EAN-8, DDMC | |
| [SAVE]=Save [ESC]=Escape | |

20. Produced Date

- 0 : No print
- 1 : Today
- 2 : Yesterday

1

PRINT

PLU No. : 1 (20/△△)

Produced Date : [1]

[SAVE]=Save [ESC]=Escape

CAS

21. Packed Date

- 0 : Today
- 1 : Tomorrow
- 2 : Tomorrow + 1day

1

PRINT

PLU No. : 1 (21/△△)

Packed Date : [1]

[SAVE]=Save [ESC]=Escape

CAS

22. Packed Time

- current time + up to 99 hrs
- EX) + 1 hour

1

PRINT

PLU No. : 1 (22/△△)

Packed Time : [1]

[SAVE]=Save [ESC]=Escape

CAS

23. Sell By Date

- This value can be from 0 to 9999.
- 0: No print
- 1: Today
- 2: Packed date + 1
- EX) tomorrow 2

2

PRINT

PLU No. : 1 (23/△△)

Sell By Date : [2]

[SAVE]=Save [ESC]=Escape

CAS

24. Sell By Time

- This value can be from 0 to 99.
- 0 : No print
- 1 : packed time + 1 hour
- EX) 10 hours

1

0

PRINT

PLU No. : 1 (24/△△)

Sell By Time : [10]

[SAVE]=Save [ESC]=Escape

CAS

25. Cook By Date

- This value can be from 0 to 9999.
- 0 : No print
- 1 : Packed date
- 2 : packed date + 1 day
- EX) 2days after packed date.

2

PRINT

PLU No. : 1 (25/△△)

Cook By Date : [2]

[SAVE]=Save [ESC]=Escape

CAS

| PLU fill in Item | Description | Value | | | | Calculation |
|------------------|----------------------|----------|------------|------------------|-----|------------------------------------|
| | | 0 | 1 | 2 | ... | |
| Produced Date | Before Printing Date | No print | Yesterday | Before yesterday | ... | Print Date - Input Value(Day) |
| Packed Date | After Printing Date | Today | Tomorrow | After tomorrow | ... | Print Date + Input Value(Day) |
| Packed Time | After Printing Time | Current | After 1 HR | After 2HR | ... | Print Time + Input Value(hour) |
| Sell by Date | After Packing Date | NO print | Today | Tomorrow | ... | Packed Date + Input Value(Day) - 1 |
| Sell by Time | After Packing Time | Current | After 1HR | After 2HR | ... | Packed Time + Input Value(hour) |
| Cook by Date | After Packing Date | NO print | today | tomorrows | ... | Packed Date + Input Value(Day) - 1 |

26. Ingredient No.

- If you do not want to use, enter 0

EX) Do not use ingredient

0

PRINT

PLU No. : 1 (26/△△)

Ingredient No. : [0]

[SAVE]=Save [ESC]=Escape

CAS

27. Traceability No.

- If you do not want to use, enter 0

1

PRINT

PLU No. : 1 (27/△△)

Traceability No. : [1]

[SAVE]=Save [ESC]=Escape

CAS

28. Bonus

- If you do not want to use, enter 5

EX) Barcode Data Table 1

5

PRINT

PLU No. : 1 (28/△△)

Bonus : [5]

[SAVE]=Save [ESC]=Escape

CAS

29. Nutrition. Fact No.

- If you do not want to use, enter 0

1

PRINT

PLU No. : 1 (29/△△)

Nutri.Fact No. : [1]

[SAVE]=Save [ESC]=Escape

CAS

30. Sales Message No.

- If you do not want to use, enter 0

Note: You can preset sales message at meny code (1241)

EX) Sales Message 1

1

PRINT

PLU No. : 1 (30/△△)
Sales Msg No. : [0]
1, Thank You
[SAVE]=Save [ESC]=Escape

CAS

31. Reference PLU Department

- If you do not want to use, enter 0

EX) Do not use Reference PLU Department

0

PRINT

PLU No. : 1 (31/△△)
Reference PLU Dept : [0]
[SAVE]=Save [ESC]=Escape

CAS

32. Reference PLU No.

- If you do not want to use, enter 0

EX) Do not use reference PLU No.

0

PRINT

PLU No. : 1 (32/△△)
Reference PLU No. : [0]
[SAVE]=Save [ESC]=Escape

CAS

33. Coupled PLU Department

- If you do not want to use, enter 0

EX) Do not use Coupled PLU Department

0

PRINT

PLU No. : 1 (33/△△)
Coupled PLU Dept : [0]
[SAVE]=Save [ESC]=Escape

CAS

34. Coupled PLU No.

- If you do not want to use, enter 0

EX) Do not use coupled PLU number

0

PRINT

PLU No. : 1 (34/△△)
Coupled PLU No. : [0]
[SAVE]=Save [ESC]=Escape

CAS

35. # of Link PLU

- If you do not want to use, enter 0

EX) Sales Message 1

2

PRINT

PLU No. : 1 (35/△△)
of Link PLU : [2]
[SAVE]=Save [ESC]=Escape

CAS

36. Link PLU1 Dept

- If you do not want to use, enter 0

EX) Do not use Link PLU1 Dept

0

PRINT

PLU No. : 1 (36/△△)

Link PLU1 Dept : [0]

[SAVE]=Save [ESC]=Escape

CAB

37. Link PLU1 No.

- If you do not want to use, enter 0

EX) Do not use Link PLU1 No

0

PRINT

PLU No. : 1 (37/△△)

Link PLU1 No. : [0]

[SAVE]=Save [ESC]=Escape

CAB

38. Link PLU2 Dept

- If you do not want to use, enter 0

EX) Do not use Link PLU2 Dept

0

PRINT

PLU No. : 1 (38/△△)

Link PLU2 Dept : [0]

[SAVE]=Save [ESC]=Escape

CAB

39. Link PLU2 No.

- If you do not want to use, enter 0

EX) Do not use Link PLU2 No

0

PRINT

PLU No. : 1 (39/△△)

Link PLU2 No. : [0]

[SAVE]=Save [ESC]=Escape

CAB

2.1.2 Create By-Count PLU (Menu code 1120)

(MENU → 1. PLU → 2. New/Edit)

Showing only the different parts of PLU items

You can press the SAVE key at anytime to save the current PLU data
and if you want to exit without saving, press the ESC key.

1. Enter Department No. / PLU No.

- Department should be set previously

EX) Department # = 1. Default

PLU # = 2

1

PRINT

2

PRINT

NEW / EDIT

Department No. : [1] Default

PLU No. : [2] No Data or Param

CAB

2. Select PLU Type

1. By Weight
2. By Count
3. By PCS

EX) BY-Count Item

2 PRINT

PLU No. : 2 (1/△△)
PLU Type : [2]
2. By-Count
[SAVE]=Save [ESC]=Escape
CAS

3. Enter PLU Name 1

EX) PEAR

P E A R PRINT

PLU No. : 2 (2/△△)
Name 1: [PEAR]
[SAVE]=Save [ESC]=Escape
CAS

4. Qty Unit No.

EX) Qty Unit No. 6

6 PRINT

PLU No. : 2 (11/△△)
Qty Unit No.: [6]
[SAVE]=Save [ESC]=Escape
CAS

5. Price

EX) Price = \$10.00

1 0 0 0 PRINT

PLU No. : 2 (13/△△)
Price : [10.00]
[SAVE]=Save [ESC]=Escape
CAS

2.1.3 Create By-PCS PLU (Menu code 1120)

(MENU → 1. PLU → 2. New/Edit)

Showing only the different pars of PLU field

By-PCS PLU is used depending on the Parameter 593.

You can press the SAVE key at anytime to save the current PLU data and if you want to exit without saving, press the ESC key.

1. Enter Department No. / PLU No.

- Department should be set previously.

EX) Department # = 1. Default

PLU # = 2



2. Select PLU Type

1. By Weight
2. By Count
3. By PCS

EX) BY-PCS Item



3. Enter PLU Name1

EX) CAKE



4. Pieces

- If you enter 0 , it is regarded as 1.

EX) 10 piece



5. Qty Unit No.

EX) Qty Unit No. 6



2.1.4 Editing PLU (Menu code 1120)

(MENU → 1. PLU → 2. New/Edit)

You can call up existing PLU information for edit.

2.1.5 Sample Printing (Menu code 1170)

(MENU → 1. PLU → 7. Sample Printing)

- If you press SAVE key during PLU creating or editing, label will printing sample.

2.1.6 Listing PLU (Menu code 1150)

(MENU → 1. PLU → 5. List)

Note: Finding PLU; You need to know department # and PLU #.

1. Enter Department No.

- Enter department number that you wish to see

EX) Department No. 1

1 PRINT

Department No.: [1] List (1/2)

CAS

2. Enter PLU Range

EX) PLU 1~10

- If you want to print PLU list, press the TEST key.

1 PRINT 1 0 PRINT

Start PLU No : [1]
End PLU No : [10]
List All - press "SAVE" key List (2/2)

CAS

No. Reference(descript)

| | | |
|---|---|------|
| 1 | 1 | BEEF |
| 2 | 2 | CAKE |
| 3 | 3 | PEAR |

CAS

2.1.7 Copying PLU (Menu code 1141)

(MENU → 1. PLU→ 4. Management → 1. Copy)

- If there is a similar PLU, you can copy it.

1. Select Source

- Enter the Department No. and PLU No. that you wish to copy

EX) Source Department # = 1

1 PRINT 1 PRINT

COPY (1/2)

Source Dept. No.: [1] Grocery

Source PLU No.: [1] Potato

CAS

2. Select Destination

- Enter the Department number where the new PLU(s) will be located
- Enter the PLU number that you wish to copy the Source PLU into

2 PRINT 1 PRINT

COPY (2/2)

Dest. Dept. No.: [2] vegetable

Dest. PLU No.: [1] No Data

CAS

2.1.8 Deleting PLU (Menu code 1142)

(MENU → 1. PLU→ 4. Management → 3. Copy)

- If There are three ways to delete PLU. Simply enter the number that you wish to delete.

EX) Press 1 key to select Delete by PLU No.

1 PRINT

DELETE (1/1)

1. Delete by PLU No.

2. Delete by Dept. No.

3. Delete All

CAS

EX) Department No. : 1
PLU No. : 1

1 PRINT 1 PRINT

DELETE BY PLU NO (2/2)

Department No.: [1] Grocery

PLU No.: [1]

CAS

2.1.9 Moving PLU (Menu code 1143)

(MENU → 1. PLU → 4. Management → 3. Move)

- All the PLU information will move with command (discount, Tax, barcode type, etc)

1. Select Source

- Enter the Department No. and PLU No. which you wish to move

EX) Source Department # = 1

| | | | |
|---|-------|---|-------|
| 1 | PRINT | 1 | PRINT |
|---|-------|---|-------|

| | | |
|--------------------|--------------|-------|
| MOVE | | (1/2) |
| Source Dept. No. : | [1] Grocery | |
| Source PLU No. : | [1] Potato | |




2. Select Destination

- Enter the Department number where the PLU(s) will be located
- Enter the PLU number that you wish to move the Source PLU into

| | | | |
|---|-------|---|-------|
| 2 | PRINT | 1 | PRINT |
|---|-------|---|-------|

| | | |
|-------------------|----------------|-------|
| MOVE | | (2/2) |
| Dest. Dept. No. : | [2] vegetable | |
| Dest. PLU No. : | [6] No Data | |



2.1.10 Selecting PLU field Items (Menu code 1144)

(MENU → 1. PLU → 4. Management → 4. Select PLU items

- If you enter N, you cannot use that item when you create PLU.

To enter Y, press Y key or 1 key.

To enter N, press N key or 0 key.

| | | |
|------------------|-----|--------|
| SELECT PLU ITEMS | | (1/10) |
| Name2 : | [N] | |
| Name3 : | [N] | |
| Group No. : | [Y] | |



Note: You can use the **PG UP** and **PG DOWN** keys to navigate from page to page, or you can use the Arrow keys to go through each page 1 line at a time.

2.1.11 PLU Sale Count (Menu code 1145)

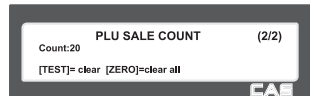
(MENU → 1. PLU → 4. Management → 5. PLU Sale Count

You can count each PLU sale and also you can clear this count.

- This sale count is used for serial number printing of



- To clear PLU sale count, press the TEST key.

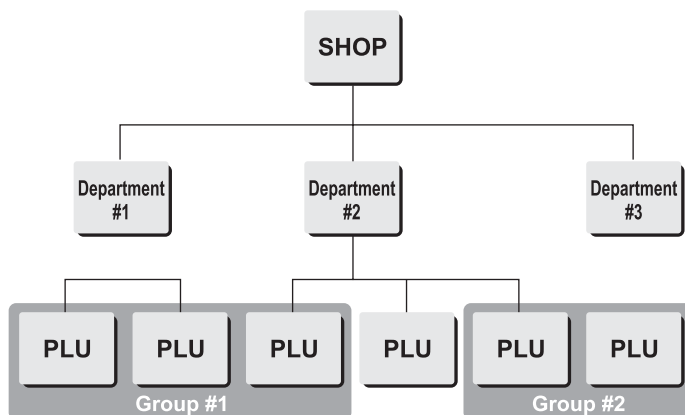


2.2 Programming PLU Data Table I

As Department, Group and PLU are organized as following figure. This is important to understand this structure to maximize the CL5000's sophisticated features (label formats, XZ Reports, TAX type, etc)

Note: The "group" can break the hierarchy of department structure. You can organize PLU with your demand, such as product maker, price range, promotion products, etc.

(Group can over-cross department's PLU)



CL5000 has sophisticated discount programming. You can set more easy and detailed sales promotion setting by CL-works(PC program) parameter duplicate.

2.2.1 Department (Menu code 1210)

(MENU → 2. PLU Data Table I → 1. Department)

If a scale is assigned to department 1 then all of the PLUs that you select at menu (1830) on that scale will be from department 1. You can assign the department. If you want to change the department assignment of the scale, you have to change the setting. Also you have to set Speed key for this department.

2.2.2 New/Edit Department (Menu code 1211)

(MENU → 2. PLU Data Table I → 1. Department → 1. New/Edit)

You can press the SAVE key at anytime to save the current data and if you want to exit without saving, press the ESC key.

1. Department Number

- Department number is available 1 to 99.

EX) Department No. = 2

NEW / EDIT DEPARTMENT (1/2)

Department No.: [2]

CAS

2. Department Description

EX) Department Description = GROCERY

NEW / EDIT DEPARTMENT (2/2)

Description : [GROCERY]

Speed Key Set No: []

CAS

3. Speed Key Setting

- Refer to 2.6 Speed Key

EX) Speed key set no. = 1

NEW / EDIT DEPARTMENT (2/2)

Description : [GROCERY]

Speed Key Set No: [1]

CAS

2.2.3 List Department (Menu code 1212)

(MENU → 2. PLU Data Table I → 1. Department → 2. List)

1. Set the department range that you wish to see.

EX) Department 1 to 10

- If you want to print list, press the TEST key.

LIST DEPARTMENT (1/1)

- Start Number : [1]

- End Number : [10]

List All-press [SAVE] key

CAS

No. Reference (descript)

1 1 Default

2 1 GROCERY

CAS

2.2.4 Delete Department (Menu code 1213)

(MENU → 2. PLU Data Table I → 1. Department → 2. Delete Count)

1. Enter Department number

EX) Delete department 2

2

PRINT

DELETE DEPARTMENT (1/1)
Department No. : [2] GROCERY

CAS

2.2.5 Group (Menu code 1220)

(MENU → 2. PLU Data Table I → 2. Group)

This menu is to group any PLU(s) regardless the PLU's department. Any individual PLU must be involved in any department, but not in any group.

User may select any PLUs as a group at users needs. Especially, grouping PLU(s) can be used to get total sum for a specific. (maker, price vange, etc)

2.2.6 New/Edit Group (Menu code 1221)

(MENU → 2. PLU Data Table I → 1. Group → 1. New/Edit)

You Can press the SAVE key at anytime to save the current data and if you want to exit without saving, press the ESC Key.

1. Enter Group Number

- Group number is available 1 to 99.

EX) Group No = 1

1

PRINT

NEW / EDIT GROUP (1/1)
Group No. : [1]
Description : []

CAS

2. Enter Group Description

EX) Group Description = BAGEL

B

A

G

E

L

PRINT

NEW / EDIT GROUP (1/1)
GROUP No.: [1]
Description : [BAGEL]

CAS

2.2.7 List Group (Menu code 1222)

(MENU → 2. PLU Data Table I → 2. Group → 2. List)

1. Set the group range that you wish to see

EX) 1~10

If you want to print list, press the TEST key.

1

PRINT

1

0

PRINT

LIST GROUP (1/1)

- Start Number : [1]
- End Number : [10]
List All-press [SAVE] key

No. Reference (descript)

1 BAGEL

2.2.8 Delete Group (Menu code 1223)

(MENU → 2. PLU Data Table I → 2. Group → 3. Delete)

1. Enter group number

EX) Delete group 1.

1

PRINT

DELETE GROUP (1/1)

Group No : [1] BAGEL

2.2.9 Tax Rate (Menu code 1230)

(MENU → 2. PLU Data Table I → 3. TAXRate)

You can use tax number when you create PLU.

2.2.10 New/Edit Tax Rate (Menu code 1231)

(MENU → 2. PLU Data Table I → 3. TAX Rate → 1. New/Edit)

1. Enter tax number

- TAX number is available 1 to 9
- EX) TAX No. =1

1

PRINT

NEW/EDIT TAX RATE (1/2)

TAX No. : [1]

CAS

2. Set Tax Type

- See Tax Type table as below.
- EX) Internal TAX Type

0

PRINT

NEW/EDIT TAX RATE (2/2)

TAX TYPE (0=Int/1=Ext) : [0]

TAX Rate : [0.00] %

CAS

| Item | Symbol | Description |
|--------------|--------|--------------------------------|
| Internal TAX | 0 | Tax is included in total price |
| External TAX | 1 | Tax is added on total price |

Refer to menu code 1873(T.price = price + Tax) on chapter 2.14.21

3. Enter Tax Rate

EX) Tax Rate = 5.00%

5

0

0

NEW/EDIT TAX RATE (2/2)

TAX TYPE (0=Int/1=Ext) : [0]

TAX Rate : [5.00] %

CAS

4. Exit Menu

- If you want to exit, press ESC key.

X

ESC

2.2.11 List Tax Rate (Menu code 1232)

(MENU → 2. PLU Data Table I → 3. TAX Rate → 2. List)

1. Set the range of tax rate

EX) 1~9

1

PRINT

9

PRINT

LIST TAX RATE (1/1)
• Start Number : [1]
• End Number : [9]
List All-press [SAVE] key

No. Reference (descript)
1 1 5.00%

2.2.12 Delete Tax Rate (Menu code 1233)

(MENU → 2. PLU Data Table I → 3. TAX Rate → 3. Delete)

1. Enter tax number

EX) Delete tax number 1

1

PRINT

DELETE TAX RATE (1/1)
TAX No. : [1]

2.2.13 Sales Message (Menu code 1240)

(MENU → 2. PLU Data Table I → 4. Sales Message)

Sales message can be printed on PLU labels so long as the format that you use contains a Sales Message field. This is a great tool for advertising and cross-marketing products.

2.2.14 New/Edit Sales Message (Menu code 1241)

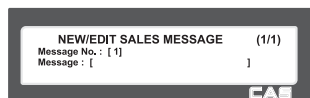
(MENU → 2. PLU Data Table I → 4. Sales Message → 1. New/Edit)

You can press the SAVE key at anytime to save the current data and if you want to exit without saving, press the ESC key.

1. Enter Message Number

- Message number is available 1 to 99

EX) Message No. = 1



2. Enter Message

EX) Message = THANK YOU

Note: You can use lower case letter and special symbol by pressing shift / ASCII code



3. Exit Menu

- If you want to exit, press ESC key.



2.2.15 List Sales Message (Menu code 1242)

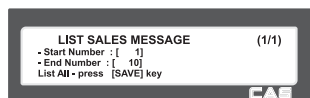
(MENU → 2. PLU Data Table I → 4. Sales Message → 2. List)

1. Set the List Range

- Set the range of sales message that you wish to check

EX) 1~10

- If you want to print list, press the TEST key.



2.2.16 Delete Sales Message (Menu code 1243)

(MENU → 2. PLU Data Table I → 4. Sales Message → 3. Delete)

1. Enter Message No.

EX) Delete message 1.

1 PRINT

DELETE SALES MESSAGE (1/1)
Message No : [1]

2.2.17 Origin (Menu code 1250)

(MENU → 2. PLU Data Table I → 5. Origin)

How to print origin on a label

1. The format that you use contains Origin field
2. Set MENU→8. Scale config→7. Scale Parameter→2. Printing(Print origin for comm. line)

2.2.18 New/Edit Origin (Menu code 1251)

(MENU → 2. PLU Data Table I → 5. Origin → 1. New/Edit)

You can press the SAVE key at anytime to save the current data and if you want to exit without saving, press the ESC key.

1. Enter Origin No.

- Origin number is available 1 to 500

EX) Origin No = 10

1 0 PRINT

NEW/EDIT ORIGIN (1/1)
Origin No, [10]
Origin : []

2. Enter Origin

EX) Origin = KOREA

K O R E A PRINT

NEW/EDIT ORIGIN (1/1)
Origin No, [10]
Origin : [KOREA]

3. Exit Menu

- If you want to exit, press ESC key.

X
ESC

2.2.19 List Origin (Menu code 1252)

(MENU → 2. PLU Data Table I → 5. Origin → 2. List)

1. Set the List Range

- Set the range of origin that you wish to check

EX) 1~20

If you want to print list, press the TEST key.

| | | | | |
|---|-------|---|---|-------|
| 1 | PRINT | 2 | 0 | PRINT |
|---|-------|---|---|-------|

| | | |
|-----------------------------|--|-------|
| LIST ORIGIN | | (1/1) |
| • Start Number : [1] | | |
| • End Number : [20] | | |
| List All • Press [SAVE] Key | | |

| |
|--------------------------|
| No. Reference (descript) |
| 10 KOREA |

2.2.20 Delete Origin (Menu code 1253)

(MENU → 2. PLU Data Table I → 5. Origin → 3. Delete)

1. Enter Origin No.

EX) Delete Origin 10.

| | | |
|---|---|-------|
| 1 | 0 | PRINT |
|---|---|-------|

| | | |
|-------------------|--|-------|
| DELETE ORIGIN | | (1/1) |
| Origin No. [10] | | |

2.2.21 Barcode (Menu code 1260)

(MENU → 2. PLU Data Table I → 6. Barcode)

You can use barcode when you create PLU.

Barcode can be changed depending on the Global setting of barcode.

2.2.22 New/Edit Barcode (Menu code 1261)

(MENU → 2. PLU Data Table I → 6. Barcode → 1. New/Edit)

1. Enter Barcode No.

- This value can be from 1 to 99.

EX) Barcode No = 1

| | |
|---|-------|
| 1 | PRINT |
|---|-------|

| | | |
|--------------------|--|-------|
| NEW/EDIT BARCODE | | (1/2) |
| Barcode No : [1] | | |
| Description : [] | | |

2. Barcode Description.

EX) Barcode Description = EAN13-1

3. Barcode Type

- Reference following table.

EX) Barcode Type = 1. EAN-13

type of Barcode

| No. | Type | Description |
|-----|---------|---|
| 1 | EAN-13 | 13digit |
| 2 | EAN13A5 | 13digit + 5digit |
| 3 | EAN-8 | 8 digit |
| 4 | I20F5 | 2~24 digit |
| 5 | UPCA | 12 digit |
| 6 | UPC-13 | 13 digit |
| 7 | CODE39 | Alphanumeric character, Format 'T', prints out the name of PLU. |
| 8 | CODE93 | |
| 9 | CODE128 | |
| 10 | CODABAR | |

4. Enter Barcode Form

- You can select from a list of Barcode types or you can create your own custom format
- Refer to following table.

EX) Barcode Form = 1. Change DDIIIIIPPPPPC to GGIIIIVPPPPC

The following defines the format characters for Barcode Formats : Example EAN13)

| Form No. | Format | Form No. | Format |
|----------|----------------------|----------|--------------|
| 0 | User Defined Barcode | 3 | DIIIIIPPPPPC |
| 1 | DDIIIIIPPPPC | 4 | DIIIIIPPPPPC |
| 2 | | | |

The following defines the format characters for Barcode Formats: (Example)

| No. | Symbol | Description |
|-----|--------|---|
| 1 | I | • item code |
| 2 | N | • PLU number |
| 3 | P | • price |
| 4 | V | • price check digit (It is created automatically) |
| 5 | U | • unit price |
| 6 | W | • weight |
| 7 | Q | • quantity |
| 8 | D | • department |
| 9 | G | • group |
| 10 | K | • country code (For future) |
| 11 | A | • ticket counter (Only for ticket) |
| 12 | B | • scale transaction counter |
| 13 | C | • total barcode check sum (It is created automatically) |
| 14 | F | • PLU prefix character |
| 15 | T | • text character |
| 16 | R | • transaction counter for each PLU |
| 17 | L | • clerk number |
| 18 | X | • traceability number |
| 19 | Y | • slaughter house number |
| 20 | Z | • cutting hall number |
| 21 | E | • born in country number |
| 22 | H | • bred in country number |
| 23 | M | • bar string |

| No. | Symbol | Description |
|-----|--------|-----------------------------------|
| 24 | % | • % : print next fixed character* |
| 25 | 0~9 | • numbers |

*% : It is used to enter characters therefore you can 't use this to enter numbers.

5. Exit Menu

- If you want to exit, press ESC key.



2.2.23 List Barcode (Menu code 1262)

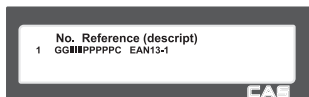
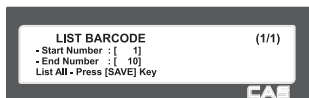
(MENU → 2. PLU Data Table I → 6. Barcode → 1. List)

1. Set the list range

- Set the range of barcode that you wish to check

EX) 1~10

If you want to print the list, press the TEST key.



2.2.24 Delete Barcode (Menu code 1263)

(MENU → 2. PLU Data Table I → 6. Barcode → 3. Delete)

1. Enter barcode number to delete

EX) Delete barcode 1.



2.2.25 Tare (Menu code 1270)

(MENU → 2. PLU Data Table I → 7. Tare)

If Parameter 584 option (Use Tare No.) is “Yes” You can set tare number when you create PLU. If it is set to “No” you have to program tare weight again.
Note: You can program Tare, manually or pre-set value

2.2.26 New/Edit Tare (Menu code 1271)

(MENU → 2. PLU Data Table I → 7. Tare → 1. New/Edit)

1. Enter Tare No.

- This value can be from 1 to 99.

EX) Tare No. = 1



2. Tare Description

EX) Tare Description = Container



3. Tare Type

- There are 2 types as below table
- EX) Tare Type = 1, Numeric Tare

If you set Tare Type to 2, put a container on the platter and press the PRINT key.
after 2~3 seconds.

Type of Tare



| Tare No. | Type of Tare | Description |
|----------|--------------|--|
| 1 | Numeric Tare | Enter tare weight by using numeric keys. |
| 2 | Weight Tare | Put a container on the platter |

4. Enter Tare Value

EX) Tare = 0.010 Kg

1 0 PRINT

NEW/EDIT TARE (2/2)

Tare Type : [1] → Numeric Tare

Tare : [0.010] kg

CAE

5. Exit Menu

- If you want to exit, press ESC key.

If you set Tare No. to 1 when you create
PLU, tare is set to 0.010kg that is
programmed here.

X
ESC

2.2.27 List Tare (Menu code 1272)

(MENU → 2. PLU Data Table I → 7. Tare → 2. List)

1. Set the list range

- Set the range of tare that you wish to check

EX) 1~10

If you want to print list, press the TEST
key.

1 PRINT 1 0 PRINT

LIST TARE (1/1)

• Start Number : [1]

• End Number : [10]

List All • Press [SAVE] Key

CAE

No. Reference (descript)

1 1 0.010kg CONTAINER

CAE

2.2.28 Delete Tare (Menu code 1273)

(MENU → 2. PLU Data Table I → 7. Tare → 3. Delete)

1. Enter tare number to delete

EX) Delete tare no. 1

1 PRINT

DELETE TARE (1/1)

Tare No. : [1]

CAE

2.2.29 Tare Key (Menu code 1274)

(MENU → 2. PLU Data Table I → 7. Tare → 4. Tare Key)

You can assign Tare Key. There are 9 Tare keys and you have to set these keys in menu (1880 Key define). See Chapter 2.14.22

Note: can not set double click key

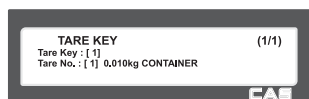
1. Enter tare Key.

EX) Tare Key = 1



2. Enter tare number

EX) Tare No = 1



2.2.30 Unit Symbol (Menu code 1280)

(MENU → 2. PLU Data Table I → 8. Unit Symbol)

You can program the unit symbol to print label.

2.2.31 New/Edit Unit Symbol (Menu code 1281)

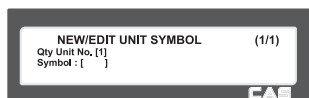
(MENU → 2. PLU Data Table I → 8. Unit Symbol → 1. New/Edit)

You can press the SAVE key at anytime to save the current data and if you want to exit without saving, press the ESC key.

1. Enter unit number

- This value can be from 1 to 8.

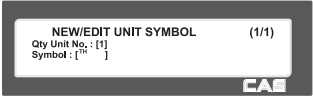
EX) Qty Unit No. = 1



2. Enter unit symbol

EX) Symbol = TH

If you want to enter special symbol, press the CHAR key and enter the code value.
(See ASCII code table on chapter 4.4)



3. Exit menu

- If you want to exit, press ESC key.



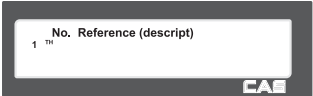
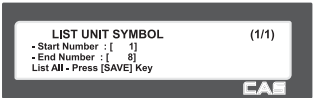
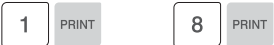
2.2.32 List Unit Symbol (Menu code 1282)

(MENU → 2. PLU Data Table I → 8. Unit Symbol → 2. List)

1. Set the list range

EX) 1~8

If you want to print list, press the TEST key.

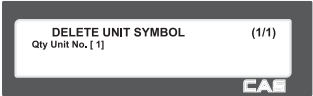


2.2.33 Delete Unit Symbol (Menu code 1283)

(MENU → 2. PLU Data Table I → 8. Unit Symbol → 3. Delete)

1. Enter unit symbol number to delete

EX) Delete unit symbol 1.



2.3 Programming PLU Data Table II

2.3.1 Ingredient (Menu code 1310)

(MENU → 3. PLU Data Table II → 1. Ingredient)

2.3.2 New/Edit Ingredient (Menu code 1311)

(MENU → 3. PLU Data Table II → 1. Ingredient → 1. New/Edit)

You can press the SAVE key at anytime to save the current data and if you want to exit without saving, press the ESC key.

1. Enter ingredient number.

- This value can be from 1 to 999.

EX) Ingredient number = 1



2. Enter ingredient

EX) Ingredient Line1 = SALT

EX) To print "SUGAR" on next line, enter "↵" after SALT.

The number of right side of "[] " is digit and total number of character.

Pressing "PAGE UP/DN" key turns to next or previous page.



3. Exit menu

- If you want to exit, press ESC key.



2.3.3 List Ingredient (Menu code 1312)

(MENU → 3. PLU Data Table II → 1. Ingredient → 2. List)

1. Set the list range

EX) 1~10

If you want to print list, press the TEST key.

| | | | | |
|---|-------|---|---|-------|
| 1 | PRINT | 1 | 0 | PRINT |
|---|-------|---|---|-------|

| | | |
|-----------------------------|----------|-------|
| LIST INGREDIENT | | (1/1) |
| • Start Number | : [1] | |
| • End Number | : [10] | |
| List All • Press [SAVE] Key | | |

| |
|-------------------------|
| No. Reference(descript) |
| 1 SALT SUGAR |

2.3.4 Delete Ingredient (Menu code 1313)

(MENU → 3. PLU Data Table II → 1. Ingredient → 3. Delete)

1. Enter ingredient number to delete

EX) Delete ingredient no. 1

| | |
|---|-------|
| 1 | PRINT |
|---|-------|

| | |
|------------------------|-------|
| DELETE INGREDIENT | (1/1) |
| Ingredient No. : [1] | |

2.3.5 Nutrition Facts (Menu code 1320)

(MENU → 3. PLU Data Table II → 2. Nutrition Facts)

You can program nutrition facts for your needs you can link up the data to PLU.
The printing size may differ depending on label format.

Nutrition Facts table

| Nutrition Facts | Description |
|---------------------|-------------|
| Calories | |
| Calories From Fat | |
| Total Fat | G |
| Saturated Fat | G |
| Cholesterol | mg |
| Sodium | mg |
| Total Carbohydrates | G |
| Dietary Fibers | G |
| Sugars | G |
| Protein | G |
| Vitamin A | % |
| Calcium | % |
| Vitamin C | % |
| Iron | % |
| Etc | |

2.3.6 New/Edit Nutrition Facts (Menu code 1321)

(MENU → 3. PLU Data Table II → 2. Nutrition Facts → 1. New/Edit)

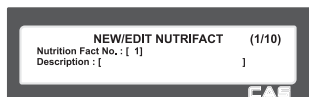
You can press the **SAVE** key at anytime to save the current data and if you want to exit without saving, press the **ESC** key.

You can use the **PG UP** and **PG DOWN** keys to navigate from page to page, or you can use the Arrow keys to go through each page 1 line at a time.

1. Nutrition Fact No

- This value can be from 1 to 500.

EX) Nutrition fact no = 1



2. Enter description

EX) BEEF STEW

| | | | |
|--------------------------------------|---|---|---|
| B | E | E | F |
| S | T | E | W |
| <input type="button" value="PRINT"/> | | | |

| | |
|---------------------------|---|
| NEW/EDIT NUTRIFACT (1/10) | |
| Nutrition Fact No : [1] | |
| Description: [BEEF STEW |] |
| CAE | |

3. Enter Serving Size

EX) Serving size = 1CUP

| | | | |
|--------------------------------------|---|---|---|
| 1 | C | U | P |
| <input type="button" value="PRINT"/> | | | |

| | |
|---------------------------|--|
| NEW/EDIT NUTRIFACT (2/10) | |
| Serving Size : [1CUP] | |
| Serving Per : [] | |
| CAE | |

4. Serving Per Container

EX) Serving Per Container = 2

| | |
|---|--------------------------------------|
| 2 | <input type="button" value="PRINT"/> |
|---|--------------------------------------|

| | |
|---------------------------|--|
| NEW/EDIT NUTRIFACT (2/10) | |
| Serving Size : [1CUP] | |
| Serving Per : [2] | |
| CAE | |

5. Calories

EX) Calories = 230

| | | | |
|---|---|---|--------------------------------------|
| 2 | 3 | 0 | <input type="button" value="PRINT"/> |
|---|---|---|--------------------------------------|

| | |
|---------------------------|--|
| NEW/EDIT NUTRIFACT (3/10) | |
| Calories : [230] | |
| Calories From Fat : [0] | |
| CAE | |

6. Calories from fat

EX) Calories From Fat= 120

| | | | |
|---|---|---|--------------------------------------|
| 1 | 2 | 0 | <input type="button" value="PRINT"/> |
|---|---|---|--------------------------------------|

| | |
|----------------------------|--|
| NEW/EDIT NUTRIFACT (3/10) | |
| Calories : [230] | |
| Calories From Fat: [120] | |
| CAE | |

7. Total Fat

EX) Total fat = 14 g

1

4

PRINT

| | | |
|--------------------|---|--------|
| NEW/EDIT NUTRIFACT | | (4/10) |
| Total Fat | : | 14] g |
| Saturated Fat | : | 0] g |

CAS

8. Saturated fat

EX) Saturated fat = 7 g

7

PRINT

| | | |
|--------------------|---|--------|
| NEW/EDIT NUTRIFACT | | (4/10) |
| Total Fat | : | 14] g |
| Saturated Fat | : | 7] g |

CAS

9. Cholesterol

EX) Cholesterol = 40 mg

4

0

PRINT

| | | |
|--------------------|---|--------|
| NEW/EDIT NUTRIFACT | | (5/10) |
| Cholesterol | : | 40] mg |
| Sodium | : | 0] mg |

CAS

10. Sodium

EX) Sodium = 950 mg

9

5

0

PRINT

| | | |
|--------------------|---|---------|
| NEW/EDIT NUTRIFACT | | (5/10) |
| Cholesterol | : | 40] mg |
| Sodium | : | 950] mg |

CAS

11. Total Carbohydrate

EX) Total Carbohydrate = 16 g

1

6

PRINT

| | | |
|--------------------|---|--------|
| NEW/EDIT NUTRIFACT | | (6/10) |
| Total Carbohydrate | : | 16] g |
| Dietary Fibers | : | 0] g |

CAS

12. Dietary Fibers

EX) Dietary Fiber = 2 g

2

PRINT

| | | |
|--------------------|---|--------|
| NEW/EDIT NUTRIFACT | | (6/10) |
| Total Carbohydrate | : | 16] g |
| Dietary Fibers | : | 2] g |

CAS

13. Sugars

EX) Sugars = 3 g

3

PRINT

NEW/EDIT NUTRIFACT (7/10)

Sugars

:

[

3

]

g

Protein

:

[

0

]

g

CAS

14. Protein

EX) Protein = 11 g

1

1

PRINT

NEW/EDIT NUTRIFACT (7/10)

Sugars

:

[

3

]

g

Protein

:

[

11

]

g

CAS

15. Vitamin A

EX) Vitamin A = 20%

2

0

PRINT

NEW/EDIT NUTRIFACT (8/10)

Vitamin A

:

[

20

]

%

Calcium

:

[

0

]

%

CAS

16. Calcium

EX) Calcium = 2%

2

PRINT

NEW/EDIT NUTRIFACT (8/10)

Vitamin A

:

[

20

]

%

Calcium

:

[

2

]

%

CAS

17. Vitamin C

EX) Vitamin C = 0 %

0

PRINT

NEW/EDIT NUTRIFACT (9/10)

Vitamin C

:

[

0

]

%

Iron

:

[

0

]

%

CAS

18. Iron

EX) Iron = 6 %

6

PRINT

NEW/EDIT NUTRIFACT (9/10)

Vitamin C

:

[

0

]

%

Iron

:

[

6

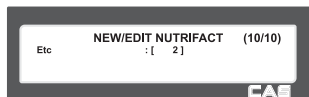
]

%

CAS

19. Etc

EX) Etc = 2



20. Exit menu

- If you want to exit, press ESC key.



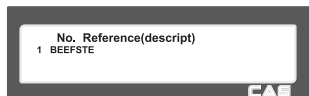
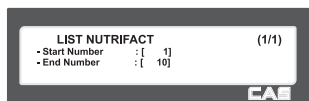
2.3.7 List Nutrition Facts (Menu code 1322)

(MENU → 3. PLU Data Table II → 2. Nutrition Facts → 2. List)

1. Set the list range

EX) 1~10

If you want to print list, press TEST key.



2.3.8 Delete Nutrition Facts (Menu code 1323)

(MENU → 3. PLU Data Table II → 2. Nutrition Facts → 3. Delete)

1. Enter nutrition fact number to delete.

EX) Delete nutrition facts no.1



2.4 Discount Programming

2.4.1 Discount (Menu code 1130)

(MENU → 1. PLU → 3. Discount)

You can set more easy and detailed sales promotion by CL - works (PC program)
You have to set discount information for each PLU.

2.4.2 New/Edit Discount (Menu code 1131)

(MENU → 1. PLU → 3. Discount → 1. New/Edit)

You can use the PG UP and PG DOWN keys to navigate from page to page,
or you can use the Arrow keys to go through each page 1 line at a time.

1. Enter department number and PLU number.

EX) Ingredient number = 1

1

PRINT

1

PRINT

NEW/EDIT DISCOUNT

(1/7)

Department No. : [1] Default

PLU No. : [1] BEEF

CAE

2. Enter discount type

- Refer to Discount Type table as below

Discount information can be different
depending on the discount type.

EX) 1. Unit Price Discount

1

PRINT

WEIGHT DISCOUNT

(2/7)

Discount Type : [1]

1. Unit Price Discount

CAE

Discount Type

| # | Type | Description |
|----|------------------------------|--|
| 1 | Unit Price Discount | <ul style="list-style-type: none"> - By Weight PLU: Set the discount amount on unit price, depending on weight. - By Count/PCS PLU: Set the discount amount on unit price, depending on number of items. |
| 2 | % Unit Price Discount | <ul style="list-style-type: none"> - By Weight PLU: set discount % of unit price, depending on weight. - By Count/PCS PLU: set discount % of unit price, depending on number of items. |
| 3 | Total Price Discount | - Set discount amount for total price. |
| 4 | % Total Price Discount | - Set discount % of total price. |
| 5 | Fixed Price | - Set a fixed amount for discount. |
| 6 | Free Item | - Set free of charge item. |
| 7 | Free Addition | <ul style="list-style-type: none"> - By Weight PLU: Set discount weight. - By Count/PCS PLU: Set discount number |
| 8 | Total Price by total price | - Set a discount amount of total price for current total price. |
| 9 | % Total Price by Total Price | - Set a discount % of total price for current total price |
| 10 | Unit Price by Total Price | - Set a discount amount of unit price for current total price |
| 11 | Extra by Total Price | - Set a discount number of item for current total price |

Please refer to "Parameter" when user wants to also see the unit price discounted on "Unit Price" segment together with total price discounted in display

3. Enter discount value

- Refer to below table.

Target unit is different depending on the PLU type. This is By Weight PLU therefore this unit is weight. In case of By count PLU or By PCS PLU, unit is count.

EX) 1st Target: 0.100 Kg
1st Value: 1.00 \$
2nd Target: 0.500 Kg
2nd Value: 2.00 \$

NEW/EDIT DISCOUNT (3/7)

First Target : [0.100] Weight
First Value : [1.00] Price

CAS

NEW/EDIT DISCOUNT (4/7)

Second Target : [0.500] Weight
Second Value : [2.00] Price

CAS

| No. | Type | Description |
|-----|----------------------|--|
| 1 | First Target Weight | Set weight limit for 1st stage of idscout. |
| 2 | First Value Price | Set the discount amount of unit price for the first weight limit. |
| 3 | Second Target Weight | Set weight limit for 2nd stage of discount. |
| 4 | Second Value Price | Set the discount amount of unit price for the second weight limit. |

4. Discount Condition 1: (Set the day of week)

1 -> Discount

0 -> Do not discount

EX) Discount on Thursday, Friday and Saturday

NEW/EDIT DISCOUNT (5/7)

Input '1' or '0' : [SMTWTFS]
Day of Week : [0000111]

CAS

5. Discount Condition 2 (Set date and time)

- If you set date and time to 0, it means discount all the time

EX) Start Date: 04-07-01
End Date : 04-07-31

EX) Start Time: 8am
End Time: 6:30pm

| | | | | | | |
|---|---|---|---|---|---|-------|
| 0 | 4 | 0 | 7 | 0 | 1 | PRINT |
| 0 | 4 | 0 | 7 | 3 | 1 | PRINT |

NEW/EDIT DISCOUNT (6/7)
Start Date : [04-07-01] YY-MM-DD
End Date : [04-07-31] YY-MM-DD

| | | | | | | |
|---|---|---|---|---|---|-------|
| 0 | 8 | 0 | 0 | 0 | 0 | PRINT |
| 1 | 8 | 3 | 0 | 0 | 0 | PRINT |

NEW/EDIT DISCOUNT (7/7)
Start Time : [08:00:00] (0..23 Hour
End Time : [18:30:00] (0..23 Hour

6. Exit menu

- If you want to exit, press the ESC key.



2.4.3 List Discount (Menu code 1132)

(MENU → 1. PLU → 3. Discount→ 2. List)

1. Enter department number to check

EX) Department No 1.

| | |
|---|-------|
| 1 | PRINT |
|---|-------|

LIST DISCOUNT (1/2)
Department No: [1]

2. Enter PLU range to check

EX) PLU 1~10

| | | | | |
|---|-------|---|---|-------|
| 1 | PRINT | 1 | 0 | PRINT |
|---|-------|---|---|-------|

LIST DISCOUNT (2/2)
Start PLU No : [1]
End PLU No : [10]
List All - Press 'SAVE' Key

2.4.4 Delete Discount (Menu code 1133)

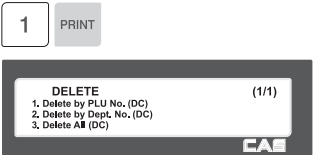
(MENU → 1. PLU → 3. Discount → 3. Delete)

There are three ways to delete Discount. Simply enter the number that you wish to delete.

2.4.5 Delete by PLU No. (DC) (Menu code 1137)

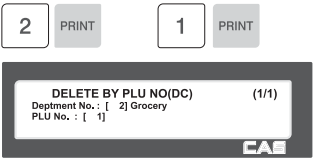
(MENU → 1. PLU → 3. Discount → 3. Delete → 1. Delete by PLU no.(DC))

EX) Press 1 key to select Delete by PLU No.(DC)



1. Enter the department number and PLU number to delete

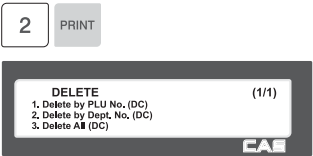
EX) Department number = 2



2.4.6 Delete by Dept. No. (DC) (Menu code 1138)

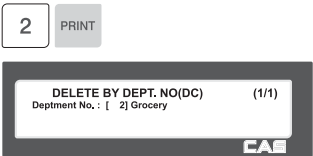
(MENU → 1. PLU → 3. Discount → 3. Delete → 2. Delete by Dept. No (DC))

EX) Press 2 key to select Delete by Dept. No.(DC)



1. Enter the department number to delete

EX) Department number = 2

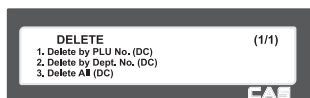


2.4.7 Delete ALL (DC) (Menu code 1139)

(MENU → 1. PLU → 3. Discount → 3. Delete → 3. Delete ALL(DC))

EX) Press 3 key to select Delete all(DC)

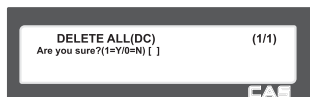
3 PRINT



1. Enter the department number and PLU number to delete

EX) Press 1 key to select Delete all (DC)

1 PRINT



2.5 Global Discount Programming

2.5.1 Global Discount (Menu code 1530)

(MENU → 5. Global Setting → 3. Discount)

You can apply same discount regardless of PLU.

2.5.2 Priority Setting (Menu code 1531)

(MENU → 5. Global → 3. Discount → 1. Priority)

You can set discount type. Refer to Discount Priority Setting Table as below.

You can see discount information on the display by setting of menu code (1871) and also you can check it on a label. (See chapter 2.14.21)

Discount Priority Setting

| No | Type | Description |
|----|--------------------------------|---|
| 0 | No Discount | No discount applied |
| 1 | PLU Discount | PLU discount only applied |
| 2 | Global Discount | Global discount only applied |
| 3 | No Discount in PLU then Global | PLU discount is applied. If there is no PLU discount, apply global discount |

2.5.3 Weight/Count/PCS Discount (Menu code 1532/1533/1534)

(MENU → 5. Global → 3. Discount → 1. Priority)

If you want to apply same discount regardless of PLU, you can set discount information in menu code, 1532, 1533 and 1544. Refer to Discount Programming on chapter 2.4.2

Global Discount condition by weight Item (Menu code 1532)

(MENU → 5. Global Setting → 3. Discount → 2. Weight discount)

Global Discount condition by Count Item (Menu code 1533)

(MENU → 5. Global Setting → 3. Discount → 3. Count discount)

Global Discount condition by PCS Item (Menu code 1534)

(MENU → 5. Global Setting → 3. Discount → 4. PCS discount)

2.6 Speed Key Setting (Menu code 1160)

This menu is to set speed keys , short-cut keys, for most frequently used PLUs to simply call up them. You can program up to 5 speed key set. Remember that there is a SHIFT (double click) key that allows you to doubleuse the Speed Keys. You can use speed key set number when you program menu 1211.(See chapter 2.2.2)

You can not assign the function key as speed keys.

1. Speed Key Set No.

- Select speed key set no. You can use this number when you program menu 1211. (See the chapter 2.2.2)

EX) Speed key set No. = 2

2

PRINT

SPEED KEY

Speed Key Set No: [2]

(1/2)

CAS

2. Speed Key Programming

- The Speed keys are numbered left-to-right and top-to-bottom. for standard type, there are 48 physical keys but using SHIFT key you can use up to 96 keys. but for pole type, there are 72 keys if you press the SHIFT key and then one of the 72 Speed keys, then you can access Speed keys 73 through 144

EX1) Speed key no. 1

EX2) Speed key no. 49

A

PRINT

SPEED KEY

Speed Key No : [1]

PLU No : [0]

(2/2)

CAS

RETURN
SHIFT

A

PRINT

SPEED KEY

Speed Key No : [49]

PLU No : [0]

(2/2)

CAS

3. PLU No.

- Enter PLU no. to assign speed key
- PLU should be belong to scale s department.

EX1) PLU 10 = BEEF

1

0

PRINT

SPEED KEY

Speed Key No : [1]

PLU No : [10] BEEF

(2/2)

CAS

2.7 Traceability

2.7.1 Traceability (Menu code 1330)

(MENU → 3. PLU Date Table II → 3. Traceability)

You can set history of product. Follow local traceability regulations.

Note: You need to pre-set country code first.

2.7.2 New/Edit Traceability (Menu code 1331)

(MENU → 3. PLU Date Table II → 3. Traceability → 1. New/Edit)

You can press the SAVE key at anytime to save the current data and if you want to exit without saving, press the ESC key.

1. Enter traceability number

- This value can be from 1 to 99.

EX) Traceability number = 1

| | |
|---|-------|
| 1 | PRINT |
|---|-------|

| | |
|-----------------------------|--|
| NEW/EDIT TRACEABILITY (1/3) | |
| Traceability No. : [1] | |
| Description : [] | |

CAS

2. Enter description

EX) Description = SIRLOIN

| | | | |
|---|---|---|-------|
| S | I | R | L |
| O | I | N | PRINT |

| | |
|-----------------------------|--|
| NEW/EDIT TRACEABILITY (1/3) | |
| Traceability No. : [1] | |
| Description: [SIRLOIN] | |

CAS

3. Born in country number

EX) Born in country No. = 1. SWEDEN

| | |
|---|-------|
| 1 | PRINT |
|---|-------|

| | |
|-----------------------------|--|
| NEW/EDIT TRACEABILITY (2/3) | |
| Born in Country No. : [1] | |
| Bred in Country No. : [1] | |
| SWEDEN | |

CAS

4. Bred in country number

EX) Bred in country No. = 95. KOREA

9

5

PRINT

NEW/EDIT TRACEABILITY (2/3)

Born in Country No.: [1]

Bred in Country No.: [95]

KOREA

CAS

5. Slaughter house number

EX) Slaughter house No. = 12. BILLY S

1

2

PRINT

NEW/EDIT TRACEABILITY (3/3)

Slaughter House No.: [12]

Cutting Hall No.: [1]

BILLY S

CAS

6. Cutting hall number

EX) Cutting hall No. = 23. HAN S CUT

2

3

PRINT

NEW/EDIT TRACEABILITY (3/3)

Slaughter House No.: [12]

Cutting Hall No.: [23]

HAN S CUT

CAS

7. Exit menu

- If you want to exit, press ESC key.

×

ESC

2.7.3 List Traceability (Menu code 1332)

(MENU → 3. PLU Date Table II → 3. Traceability→ 2. List)

1. Set the list range

- Set the list range to check

If you want to print list, press the TEST key.

1

PRINT

1

0

PRINT

LIST TRACEABILITY (1/1)

- Start Number : [1]

- End Number : [10]

List All - press [SAVE] key

CAS

No. Traceability

1 : 99 : 12 : 23 : SIRLOIN

CAS

2.7.4 Delete Traceability (Menu code 1333)

(MENU → 3. PLU Date Table II → 3. Traceability→ 3. Delete)

1. Enter traceability number to delete

EX) Delete traceability no. 2

DELETE TRACEABILITY (1/1)

Traceability No : [2]

CAS

2.8 Country Programming

2.8.1 Country (Menu code 1340)

(MENU → 3. PLU Date Table II → 4. Country)

You can use country data when you program traceability.

2.8.2 New/Edit Country (Menu code 1341)

(MENU → 3. PLU Date Table II → 4. Country → 1. New/Edit)

You can press the SAVE key at anytime to save the current data and if you want to exit without saving, press the **ESC** key.

1. Enter country number

- This value can be from 1 to 250.

EX) Country No. = 1

The screenshot shows a keypad with the number '1' and a 'PRINT' button. Below it is a screen titled 'NEW/EDIT COUNTRY (1/1)'. The screen displays 'Enter Country No.: [1]' and 'Name : []'. The C&E logo is in the bottom right corner.

2. Enter country name

EX) Name = KOREA

The screenshot shows a keypad with the letters 'K', 'O', 'R', 'E', 'A' and a 'PRINT' button. Below it is a screen titled 'NEW/EDIT COUNTRY (1/1)'. The screen displays 'Enter Country No.: [1]' and 'Name : [KOREA]'. The C&E logo is in the bottom right corner.

3. Exit menu

- If you want to exit, press ESC key.

The screenshot shows a button with an 'X' icon and the text 'ESC' below it.

2.8.3 List Country (Menu code 1342)

(MENU → 3. PLU Date Table II → 4. Country → 2. List)

1. Set the list range


- Set the list range to check

EX) 1~10

If you want to print list, press the TEST key.

| | | | | |
|---|-------|---|---|-------|
| 1 | PRINT | 1 | 0 | PRINT |
|---|-------|---|---|-------|

| | | |
|-----------------------------|----------|-------|
| LIST COUNTRY | | (1/1) |
| • Start Number | : [1] | |
| • End Number | : [10] | |
| List All → press [SAVE] key | | |



2.8.4 Delete Country (Menu code 1343)

(MENU → 3. PLU Date Table II → 4. Country → 3. Delete)

1. Enter country number to delete

EX) Delete country no. 1

| | |
|---|-------|
| 1 | PRINT |
|---|-------|

| | | |
|--------------------------|--|-------|
| DELETE COUNTRY | | (1/1) |
| Enter Country No : [1] | | |



2.9 Programming Slaughter House

2.9.1 Slaughter House (Menu code 1350)

(MENU → 3. PLU Date Table II → 5. Slaughter House)

You can use slaughter house data when you program traceability.

2.9.2 New/Edit Slaughter House (Menu code 1351)

(MENU → 3. PLU Date Table II → 5. Slaughter House → 1. New/Edit)

You can press the **SAVE** key at anytime to save the current data and if you want to exit without saving, press the **ESC** key.

1. Enter slaughter House number

- This value can be from 1 to 99..

EX) Slaughter house No. = 1

1

PRINT

NEW/EDIT SLAUGHTER HOUSE (1/1)

Enter Slaughter House No.: [1]

House : []

Country : []

CAE

2. Enter Slaughter House

- Enter slaughter house name or registered number.

EX) Slaughter house registered no. = KSH12

K

S

H

1

2

PRINT

NEW/EDIT SLAUGHTER HOUSE (1/1)

Enter Slaughter House No.: [1]

House : [KSH12]

Country : []

CAE

3. Enter slaughter house country number

- You can use contry number which is programmed at menu 1341

EX) Slaughter house Country No. = 1.
KOREA

1

PRINT

NEW/EDIT SLAUGHTER HOUSE (1/1)

Enter Slaughter House No.: [1]

House : [KSH12]

Country : [1]

CAE

4. Exit menu

- If you want to exit, press ESC key.

×

ESC

2.9.3 List Slaughter House (Menu code 1352)

(MENU → 3. PLU Date Table II → 5. Slaughter House → 2. List)

1. Set the list range

- Enter list range to check

EX) 1~10

| | | | | |
|---|-------|---|---|-------|
| 1 | PRINT | 1 | 0 | PRINT |
|---|-------|---|---|-------|

| | | |
|-----------------------------|----------|-------|
| LIST SLAUGHTER HOUSE | | (1/1) |
| • Start Number | : [1] | |
| • End Number | : [10] | |
| List All - press [SAVE] key | | |



2.9.4 Delete Slaughter House (Menu code 1353)

(MENU → 3. PLU Date Table II → 5. Slaughter House → 3. Delete)

1. Enter slaughter House number

- 1. Enter slaughter house number to delete

EX) Delete slaughter house no. 1

| | |
|---|-------|
| 1 | PRINT |
|---|-------|

| | | |
|----------------------------------|--|-------|
| DELETE SLAUGHTER HOUSE | | (1/1) |
| Enter Slaughter House No : [1] | | |



2.10 Programming Cutting Hall

2.10.1 Cutting Hall (Menu code 1360)

(MENU → 3. PLU Date Table II → 6. Cutting Hall)

You can use this cutting hall data when you program traceability.

2.10.2 New/Edit Cutting Hall (Menu code 1361)

(MENU → 3. PLU Date Table II → 6. Cutting Hall → 1. New/Edit)

You can press the **SAVE** key at anytime to save the current data and if you want to exit without saving, press the **ESC** key.

1. Enter cutting hall number

- This value can be from 1 to 99

EX) Cutting hall no. = 1

1

PRINT

NEW/EDIT CUTTING HALL (1/1)

Enter Cutting Hall No. : [1]

Hall : []

Country : [0]

CAB

2. Enter cutting hall information

- Enter cutting hall name or registered number.

EX) Cutting hall registered number = KSH12

K

C

H

1

2

PRINT

NEW/EDIT CUTTING HALL (1/1)

Enter Cutting Hall House No. : [1]

Hall : [KCH12]

Country : [0]

CAB

3. Cutting hall Country number

- You can use country number which is programmed at menu 1341 (See page 74)

EX) Cutting Hall Country no. = 1.
KOREA

1

PRINT

NEW/EDIT CUTTING HALL (1/1)

Enter Cutting Hall House No. : [1]

Hall : [KCH12]

Country : [1]

CAB

4. Exit menu

- If you want to exit, press ESC key.

×

ESC

2.10.3 List Cutting Hall (Menu code 1362)

(MENU → 3. PLU Date Table II → 6. Cutting Hall → 2. List)

1. Set the list range

- Set the list range to check

EX) 1~10

If you want to print list, press the TEST key.

1

PRINT

1

0

PRINT

LIST CUTTING HALL (1/1)

• Start Number : [1]
• End Number : [10]
List All → press [SAVE] key

CAS

No. reference(descript.)
1 1 : KCH12

CAS

2.10.4 Delete Cutting Hall (Menu code 1363)

(MENU → 3. PLU Date Table II → 6. Cutting Hall → 3. Delete)

1. Enter cutting hall number to delete

EX) Delete cutting hall no. 1

1

PRINT

DELETE CUTTING HALL (1/1)

Enter Cutting Hall No.: [1]

CAS

2.11 Programming Store Data

This chapter explains how to access, program STORE data table (Price Look Up) in CL5000 series.

2.11.1 Store Data (Menu code 1410)

(MENU → 4. Store Data Table → 1. Store)

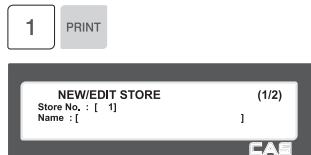
This section shows how to create, edit, list and delete store, customer, and advertisement message data.

2.11.2 New/Edit Store (Menu code 1411)

(MENU → 4. Store Data Table → 1. Store → 1. New/Edit Store)

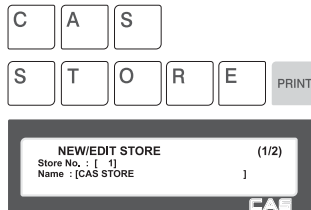
1. Enter store number.

EX) #1



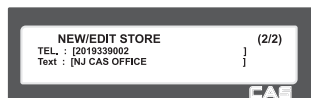
2. Press PRINT key and enter appropriate text in NAME .

EX) NAME = CAS STORE



3. Press PRINT key, then user may enter other store information such as TELEPHONE NUMBER or any text information.

EX) TEL.#=2019339002,
TEXT=NJ CAS office



4. Press PRINT key and user may go back to STORE main menu by using ESC key.



2.11.3 List Store (Menu code 1412)

(MENU → 4. Store Data Table → 1. Store → 2. List Store)

- ➡ This menu shows the list of STORE saved.
- ➡ Press 2 in STORE menu to get into LIST STORE menu.
- ➡ Press SAVE key to list all of STORE information saved.

1. Set the list rang

- Set the list range to check

EX) 1~10

1

PRINT

1

0

PRINT

LIST STORE (1/1)
• Start Number : [1]
• End Number : [10]
List All • press [SAVE] key

CAS

No. reference(descript.)
1 CAS STORE 2019339002

CAS

2.11.4 Delete Store (Menu code 1413)

(MENU → 4. Store Data Table → 1. Store → 3. Delete Store)

- ➡ This menu is to delete the STORE user wish to.
- ➡ Press 3 in STORE menu to get into DELETE STORE menu.

1. Store delete

EX) Store. 1

1

PRINT

DELETE STORE (1/1)
Store No. : [1]

CAS

2.11.5 Customer (Menu code 1420)

(MENU → 4. Store Data Table → 2. Customer)

This section shows how to register customers account and their information. Customer information is to manage the specific customer s account receivable.

* Customer registration is used for printing a receipt of credit transactions
EX) Pre-paid customer, monthly payment, etc.

2.11.6 New/Edit Customer (Menu code 1421)

(MENU → 4. Store Data Table → 2. Customer → 1. New/Edit)

1. Enter Customer number and press “PRINT” key.

EX) Customer No.=1,

| | |
|---|-------|
| 1 | PRINT |
|---|-------|

| | |
|-------------------------|--|
| NEW/EDIT CUSTOMER (1/3) | |
| Customer No. : [1] | |

2. Enter other informations in [], such as Name, Address1, and Address2.

EX) NAME=TOM
ADDRESS 1=99 Murry hill.
ADDRESS 2=East ford

| | | | | | | | | | | | |
|---|---|---|-------|---|---|---|---|-------|---|---|-------|
| T | O | M | PRINT | | | | | | | | |
| 9 | 9 | M | U | R | R | Y | H | I | L | L | PRINT |
| E | A | S | T | F | O | R | D | PRINT | | | |

| | | |
|-------------------------|---------------------|---|
| NEW/EDIT CUSTOMER (2/3) | | |
| Name | : [TOM] | } |
| Address 1 | : [99 MURRY HILL] | } |
| Address 2 | : [EAST FORD] | } |

3. Press “PRINT” key, then user may enter the Address 3, TEL. Number and customer s CREDIT LIMIT AMOUNT.

EX) ADDRESS=NJ 07073
TEL=2019339002
CREADIT LIMIT AMOUNT0=200.00

| | | | | | | | | | | |
|---|---|---|---|---|---|---|-------|---|---|-------|
| N | J | 0 | 7 | 0 | 7 | 3 | PRINT | | | |
| 2 | 0 | 1 | 9 | 3 | 3 | 9 | 0 | 0 | 2 | PRINT |
| 2 | 0 | 0 | 0 | 0 | | | | | | |

| | | |
|-------------------------|------------------|---|
| NEW/EDIT CUSTOMER (3/3) | | |
| Address 3 | : [NJ 07073] | } |
| TEL | : [2049339002] | } |
| Credit Limit Amount | : [200.00] | } |

4. Press “PRINT” key, to enter the information. User may go back to main CUSTOMER menu by pressing “X/ESC” key.

| |
|-----|
| X |
| ESC |

2.11.7 List Customer (Menu code 1422)

(MENU → 4. Store Data Table → 2. Customer → 2. List)

- ➡ This menu shows the list of CUSTOMER saved.
- ➡ Press 2 in CUSTOMER menu to get into LIST CUSTOMER menu.
- ➡ Press SAVE key to list all of CUSTOMER information saved.

1. Set the list range

- Set the list range to check

EX) 1~10

If you want to print list, press the TEST key.

| | | | | |
|---|-------|---|---|-------|
| 1 | PRINT | 1 | 0 | PRINT |
|---|-------|---|---|-------|

| | | |
|--------------|----------|-------|
| LIST COTOMER | | (1/1) |
| Start Number | : [1] | |
| End Number | : [10] | |

CAS

| |
|--------------------------|
| No. reference(descript.) |
| 1 BILLY 200,00 |

CAS

2.11.8 Delete Customer (Menu code 1423)

(MENU → 4. Store Data Table → 2. Customer → 3. Delete)

- ➡ This menu is to delete the CUSTOMER user wish to.
- ➡ Press 3 in CUSTOMER menu to get into DELETE CUSTOMER menu.
- ➡ Press SAVE key to list all of CUSTOMER informatoin saved.

1. Enter customer to delete

EX) Delete customer N0.=1

| | |
|---|-------|
| 1 | PRINT |
|---|-------|

| | |
|-------------------|-------|
| DELETE STORE | (1/1) |
| Store No. : [1] | |

CAS

2.11.9 Scroll Message (Menu code 1430)

(MENU → 4. Store Data Table → 3. Scroll Message)

This function is to set the scrolling advertisement on LCD Display.

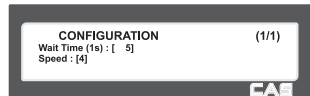
2.11.10 Configuration (Menu Code 1431)

(MENU → 4. Store Data Table → 3. Scroll Message → 1. Configuration)

1. Configuration

- User may set the wait time from 1 to 6000 seconds. Setting wait-time as 0 means NO use “Scroll Message”.

EX) Wait-time = 5
Speed means the message scrolling speed. Enable to set the speed from 1 to 9.
(Except CL5000-G)
Default speed: 4 (recommended).



2.11.11 Edit Scroll Message (Menu Code 1432)

(MENU → 4. Store Data Table → 3. Scroll Message → 2. Edit Scroll Message)

1. Input and edit Message

- User may input up to five messages and select two different scrolling effect.

To have this function operate, input messages No. and message need to be assigned.



2. Input Image No.(only CL5000-G)

- User may input up to 14 images.
Please input messages No.
Only operate when scroll message is set “3”
Image appears when text & image are set to operate together.

3. Input Fontsize (only CL5000-G)

- User may input up to 4 font sizes.
Please input font size.

.this function will only operate when scroll message is set to operate.

4. Set Speed (only CL5000-G)

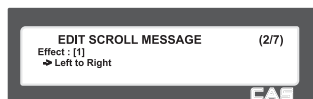
- Speed means the scrolling/blinking
speed.=> for the text speed is representing the moving speed of the text, and when it is
blinking speed, it represents the speed of the blinking. User may set it from 1 to 99..
(unit = 0.1m/s)

5. Input Blink Counts (only CL5000-G)

- User may input up to 9 blinks. This is setting for how many time the blink to blink.
Please input blink counts..

6. Set scrolling message effect

- Effect =0 : No use.
Effect =1 : Scroll message left to right
Effect =2 : Scroll message right to left
Effect =3 : Scroll message blink



7. Select use or unuse for scrolling Message

- Y : USE
N : NO USE



8. Set date of scroll message

- If you set Y [1] at Date Setting, you can go to next screen to set day of week.
(For example, if you set M to 0, scroll message is not shown on Monday.)
- You have to enter date.
If you set Start Date to 00-00-00, it means that scroll message is shown from now and if you set End Date to 00-00-00, it means that scroll message is shown from now until December 31, 99
- You have to enter time.
You have to enter hour, minute, and second in regular sequence and start time should be lower than end time.

The four screenshots show the 'EDIT SCROLL MESSAGE' screen at steps 4/7, 5/7, 6/7, and 7/7. Each screen has a 'CAE' logo in the bottom right corner.

- Step 4/7:** Date Setting (Y/N) : [Y]
- Step 5/7:** Input '1' or '0' : [SMTWTFS]
Day of Week : [11111111]
- Step 6/7:** Start Date : [00-00-00] DD-MM-YY
End Date : [00-00-00] DD-MM-YY
- Step 7/7:** Start Time : [00:00:00]
End Time : [00:00:00]

2.11.12 List Scroll Message (Menu Code 1433)

(MENU → 4. Store Data Table → 3. Scroll Message → 3. List)

This function is to set the scrolling advertisement on LCD Display.

1. Set the list range

- Set the list range to check

EX) 1~10

The top part shows two navigation buttons: a button with '1' and a 'PRINT' button, and another button with '1' and '0' and a 'PRINT' button. Below them is a screenshot of the 'LIST SCROLL MESSAGE' screen at step 1/1, showing the list range settings.

LIST SCROLL MESSAGE (1/1)

- Start Number : [1]
- End Number : [10]
- List All • Press [SAVE] key

CAE logo in the bottom right corner.

2.11.13 Currency (Menu code 1440)

(MENU → 4. Store Data Table → 4. Currency)

User may save rate of currency to default currency and convert to another currency simply by this function.

Please refer to Menu 1880 Function key definition .

2.11.14 New/Edit Currency (Menu Code 1441)

(MENU → 4. Store Data Table → 4. Currency → 1. New/Edit)

1. Numbering Currency

- You can save up to 4 different currencies by numbering 1~4.

EX) Currency No. = 1

1 PRINT

NEW/EDIT CURRENCY (1/3)
Enter Currency No : [1]
Rate Decimal Point : [4]

2. Rate Decimal Point

- Enter the Rate Decimal Point (default = 4)

EX) Rate Decimal Point = 3

3 PRINT

NEW/EDIT CURRENCY (1/3)
Enter Currency No : [1]
Rate Decimal Point : [3]

3. Currency Rate.

- Enter comparative rate of currency to default currency set.

EX) Default currency = \$1.00

Comparative currency rate to default
Currency
= ₩ 1,2800.

1 2 8 0 0 PRINT

NEW/EDIT CURRENCY (2/3)
Currency Rate : [12.800]
Primary Sign : []

4. Primary Sign

- Enter the first currency sign to be changed.

EX) Primary Sign = \$

CHAR 8 0 PRINT

NEW/EDIT CURRENCY (2/3)
Currency Rate : [12.800]
Primary Sign : [\$]

5. Last Symbol

- Enter the last currency symbol to be changed.

EX) No last symbol

PRINT

NEW/EDIT CURRENCY (3/3)
Last Sign : []
Price Decimal Point : [0]

6. Price Decimal Digit

- Enter the number of decimal digit

EX) Price Decimal point digit = 2

2 PRINT

NEW/EDIT CURRENCY (3/3)
Last Sign : []
Price Decimal Point : [2]

Printing formats of currency symbol

| No | Printing Format | Description |
|----|-------------------------|---|
| 0 | 100.00, 0.12 | |
| 1 | \$ 100.00, \$ 0.12 | |
| 2 | 100.00 \$, 0.12\$ | |
| 3 | \$ 100.00 c, \$0.12c | |
| 4 | \$ 100.00 c, 12c(Greek) | When total amount is less than 1, only Last currency symbol shows up. |
| 5 | \$100.00, \$0.12 | |
| 6 | 100.00\$, 0.12\$ | |
| 7 | \$100.00c, \$0.12c | |
| 8 | \$100.00c, 12c(Greek) | When total amount is less than 1, only Last currency symbol shows up. |

2.11.15 List Currency (Menu Code 1442)

(MENU → 4. Store Data Table → 4. Currency → 2. List)

1. Set the list range

- Set the list range to check

EX) 1~4

If you want to print list, press the TEST key.

1 PRINT

4 PRINT

LIST CURRENCY (1/1)
- Start Number : [1]
- End Number : [4]
List All - press [SAVE] key

No. reference(descript.)
1 1,2800 \$

2.11.16 Delete Currency (Menu code 1443)

(MENU → 4. Store Data Table → 4. Currency → 3. Delete)

1. Currency number to delete

EX) Delete Currency no. 2

2

PRINT

DELETE CURRENCY (1/1)
Enter Currency No. : [2]

CAS

2.11.17 Job Batch Schedule (Menu code 1450)

(MENU → 4. Store Data Table → 5. Job Batch Schedule)

This menu is used to set sequential printing of several labels by previous setting.

2.11.18 New/Edit Job Batch Schedule (Menu code 1451)

(MENU → 4. Store Data Table → 5. Job Batch Schedule →
1. New/Edit Schedule)

1. Job Batch No.

- Enter the number of Job Batch Schedule to create.
You can use 1-10.

1

PRINT

NEW/ EDIT SCHEDULE (1/3)
Job Batch No. : [1]

CAS

2. Department No.

- Enter the umber of Department to call.

1

PRINT

NEW/EDIT SCHEDULE (2/3)
Department No. : [1] default
PLU No. : []

CAS

3. PLU No.

- Enter the number of PLU to call.

1

PRINT

NEW/EDIT SCHEDULE (2/3)
Department No. : [1] default
PLU No. : [1]

CAS

4. Label Print Quantity

- Enter the total number of label printing to print.
You can enter 1-99.

1

PRINT

NEW/ EDIT SCHEDULE (3/3)
Label Print Quantity : [1]

CAS

2.11.19 List Job Batch Schedule (Menu code 1452)

(MENU → 4. Store Data Table → 5. Job Batch Schedule →
2. List Schedule)

1. Set the list range

- Set the list range to check

EX) 1~1999

2.11.20 Delete Job Batch Schedule (Menu code 1453)

(MENU → 4. Store Data Table → 5. Job Batch Schedule →
3. Delete Schedule)

1. Job Batch Schedule number to delete

EX) Delete Job Batch Schedule no. 2

2

PRINT

DELETE SCHEDULE (1/1)
Job Batch No. : [1]

CAS

2.11.21 Scanner (Menu code 1460)

(MENU → 4. Store Data Table → 6. Scanner)

This menu is used to make barcode scanning sale available or just to call up PLU.

2.11.22 New/Edit Scanner Conversion Table (Menu code 1461)

(MENU → 4. Store Data Table → 6. Scanner →
1. New/Edit Conv Table)

This is Mapping Table between scanned bar code and PLU number.

1. Setting up scan code No

Maximum number of Conv Table. Index is 1999

2. Setting up mapping Code

Enter the number ranged between 1 and 13.

3. Setting up department No

Enter the Department number of the PLU to be mapped.

4. Setting up PLU No

Enter the PLU number to be mapped.

EX)

| Index | The value to be compared with data from a bar code | Department and PLU no. to be mapped | |
|---------|--|-------------------------------------|--------|
| Code No | Mapping Code | Department No | PLU No |
| 1 | 2855551 | 1 | 1 |
| 2 | 2855552 | 1 | 5 |
| ~ | ~ | ~ | ~ |
| 1999 | 2867890 | 1 | 220 |

2.11.23 List Scanner Conversion Table (Menu code 1462)

(MENU → 4. Store Data Table → 6. Scanner → 2. List Conv Table)

1. Set the list range

- Set the list range to be checked

EX) 1~1999

1 PRINT

LIST CONV TABLE (1/1)

- Start Number : [1]
- End Number : [1]
List All - press [SAVE] key

CAS

2.11.24 Delete Scanner Conversion Table (Menu code 1463)

(MENU → 4. Store Data Table → 6. Scanner →
3. Delete Conv Table)

1. Enter the number of Conversion Table to be deleted

EX) Delete Conversion Table no. 2

2 PRINT

DELETE CONV TABLE (1/1)

Scan code No. : [2]

CAS

2.11.25 Scanner Config (Menu code 1464)

(MENU → 4. Store Data Table → 6. Scanner → 4. Scanner Config)

1. The way to set up Scan Form

Enter defined 13-digit number or letter that scanner can recognize.
Assigned representative characters are written below.

SCANNER CONFIG (1 / 1)

Scan Form : [XXXXXXXXWWWWWC]

CAS

-“X” character : It must be the number of same digit length as “Mapping Code”, that you entered above, has.

-“W” character : It represents weight date.

Any other symbol than “X”, “W” is ignored when scanning.

Example 1) Scan Form : [XXXXXXXXWWWWWC]

- From 1 to 7 digits“XXXXXXX”calls PLU comparing with Mapping Code entered above 4).

- From 8 to 12 digets“WWWWW”shows the value of weigh.

Example 2) Scan Form : [00XXXXX000000]

- From 3 to 5 digits “XXXXXX” calls PLU by comparing with Mapping Code. At this time, you must enter 5 digits as Mapping Code in menu1461.

Example 3) Scan Form : [XXXXXXXXXXXXXXX]

- The 13 digits bar code is calls PLU by comparing with Mapping Code. At this time, you must enter 13 digits as Mapping Code at menu1461.

- It is possible to enter codes by using bar code scanner.

2.11.26 Label Format Key Table (Menu code 1470)

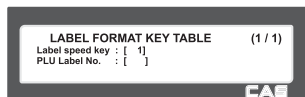
(MENU → 4. Store Data Table → 7. Label Format Key Table)

There is a function to change label format by using speed key. This menu is used to set thas function.

You can use this function, after assigning empty key to that Function Key(83-90).

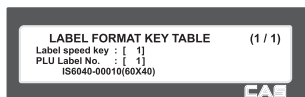
1. Label Speed Key

Enter the number1-8 you want.



2. PLU Label No.

Enter the label number to be assigned that function key.



2.12 Programming Global Setting

2.12.1 Global Label Format (Menu code 1510)

(MENU → 5. Global Setting → 1. Label Format)

Pre-programmed fixed label formats are from #1 to #30 and these formats cannot be modified.

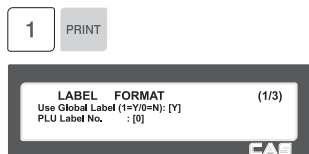
Label format #51~#70 are free formats that users may modify at their needs. Users may download one into the scale and set a specific free label format. (Refer to 4.2 Label format on Appendix part.)

You can press the SAVE key at anytime to save the current data and if you want to exit without saving, press the ESC key.

1. Global Label

- If you use Global Label, enter 1. If not, enter 0.
- If you set it to 1, 1st format number is ignored which is set in PLU programming

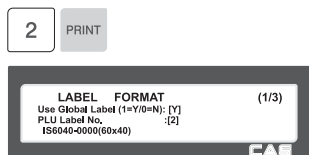
2nd label format is printed if it is set.
EX) Use global label



2. Set PLU label No.

- Set PLU label number

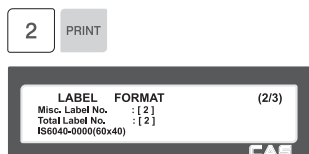
EX) PLU Label No. = 2. IS6040-0000(60x40)



3. Set Miscellaneous label number

- Set label format for miscellaneous item.

EX) Misc. Label No = 2. IS6040-0000(60x40)



4. Set total label number

- Set label format of total label for Add-Up sales.

EX) Total label No. = 10 , TC6060-0002(60x60)

1

0

PRINT

LABEL FORMAT

Misc. Label No. : [2]

Total Label No. : [10]

TC6040-0000(60x40)

(2/3)

CAB

5. Set printing direction of total label

EX) Reverse Total Label = Y.

Y

PRINT

LABEL FORMAT

Reverse Total Label : [Y]

Reverse Item Label : [N]

(3/3)

CAB

6. Set printing direction of PLU and Misc. item

EX) Reverse Item Label = Y

Y

PRINT

LABEL FORMAT

Reverse Total Label : [Y]

Reverse Item Label : [Y]

(3/3)

CAB

7. Exit menu

- If you want to exit, press ESC key.

X

ESC

2.12.2 Barcode Format (Menu code 1520)

(MENU → 5. Global Setting → 2. Barcode)

Global Barcode Setting provides all-in-one barcode setting by selecting nine different barcode options so that user does not need to save data for individual PLUs one by one. All related barcode data are selected and saved from PLU barcode data table user may already register.

You can press the **SAVE** key at anytime to save the current data and if you want to exit without saving, press the **ESC** key.

1. Set Global Barcode

- If you use global barcode, enter 1. If not, enter 0.
- If you set it to 1, barcode number is ignored which is set in PLU programming EX) Use global barcode

1

PRINT

BARCODE

(1/4)

Use Global Barcode (1=Y/0=N) : [Y]

PLU Weight Barcode No. : [0]

PLU Count Barcode No. : [0]

CAS

2. Set barcode number for by-weight PLU

EX) PLU Weight barcode No. = 2

2

PRINT

BARCODE

(1/4)

Use Global Barcode (1=Y/0=N) : [Y]

PLU Weight Barcode No. : [2]

PLU Count Barcode No. : [0]

CAS

3. Set barcode number for by-count PLU Misc. item

EX) PLU Count barcode No. = 2

2

PRINT

BARCODE

(1/4)

Use Global Barcode (1=Y/0=N) : [Y]

PLU Weight Barcode No. : [2]

PLU Count Barcode No. : [2]

CAS

4. Set barcode number for by-PCS PLU

EX) PLU PCS barcode No. = 2

2

PRINT

BARCODE

(2/4)

PLU PCS Barcode No. : [2]

PLU Fixed Barcode No. : [2]

Misc. Weight Barcode No. : [0]

CAS

5. Set barcode number for fixed PLU

EX) PLU fixed barcode No. = 2

2

PRINT

BARCODE

(2/4)

PLU PCS Barcode No. : [2]

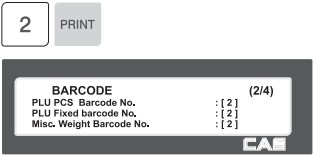
PLU Fixed barcode No. : [2]

Misc. Weight Barcode No. : [2]

CAS

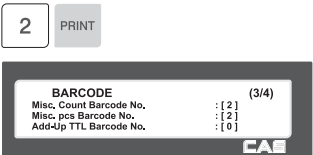
6. Set barcode number for Misc. weight item

EX) Misc. weight barcode No. = 2



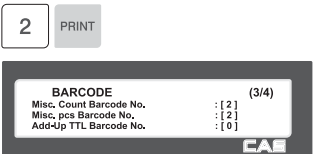
7. Set barcode number for Misc. count item

EX) Misc. Count barcode No. = 2



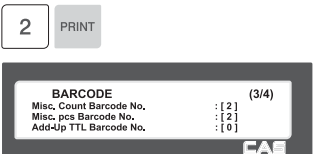
8. Set barcode number for Misc. PCS Item

EX) Misc. PCS barcode No. = 2



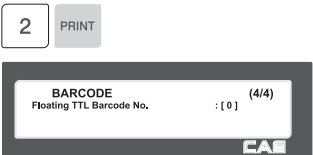
9. Set barcode number for Add-Up Total

EX) Add Up TTL barcode No. = 2



10. Set barcode number for floating Total

EX) Floating TTL barcode No. = 2



11. Exit menu

- If you want to exit, press ESC key.



2.12.3 Tax (Menu code 1540)

(MENU → 5. Global Setting → 4. Tax)

This menu is to set up function about Global Tax.

2.12.4 Set Global Tax (Menu code 1541)


(MENU → 5. Global Setting → 4. Tax → 1. Set Global Tax)

1. Setting up Global Tax

It sets up the applied tax when product sales.

- 0 : Do not Use Tax
- 1 : Use PLU tax rates
- 2 : Use Global Tax rates

1 PRINT



2.12.5 Global Tax Number (Menu code 1542)

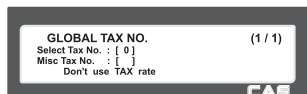
(MENU → 5. Global Setting → 4. Tax → 2. Global Tax No.)

1. Set up Select Tax No.

It sets up the kind of global tax when product sales.

- 0 : Do not Use Tax
 - 1 ~ 9 : Select registered tax
- (Selection among tax at registered menu 1230, 9 options)

0 PRINT

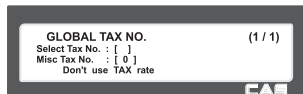


2. Misc Tax No.

It sets up the kind of tax to apply to Misc by Weight, Misc by count, Misc by PCS.

- 0 : Do not Use Misc tax
 - 1 ~ 9 : Select registered tax
- (Selection among tax at registered menu 1230, 9 options)

0 PRINT



2.13 Printing Programming

This chapter explains how to set printing-related environments, such as print label item, markdown, Hardware, serial number format, and ticket.

2.13.1 Printing (Menu code 1700)

(MENU → 7. Print)



PRINT Submenu

| No | Submenus | Description |
|----|----------------------|---|
| 1 | Print Label Item | Select item(s) which is(are) not printed on label. |
| 2 | Markdown | Select "Yes" or "No" to print both of original and discount information on the label. |
| 3 | Print Hardware | Set the label type and sensor of printer |
| 4 | Serial Number Format | Set the format of serial number to print label or ticket |
| 5 | ADD-UP Total | Select add-up total label whether is printed or not |
| 6 | Ticket | Set printing item for ticket |

2.13.2 Print label item (Menu code 1710)

(MENU → 7. Print → 1. Print Label Item)

If you set any of the items to N, they will not be printed on any labels regardless of the label format.

You can use the **PG UP** and **PG DOWN** keys to navigate from page to page, or you can use the Arrow keys to go through each page 1 line at a time.

You can press the **SAVE** key at anytime to save the current data and if you want to exit without saving, press the **ESC** key.

1. If you do not want to print, enter 0(N),
if you want to print, enter 1(Y).

1

PRINT

or

0

PRINT

PRINT LABEL ITEM

(1/16)

Department Name (Y/N) : [N]

Department Number (Y/N) : [N]

Group Number (Y/N) : [N]

CAS

Print Label Item

| Page | Item | Page | Item |
|------|--|------|--|
| 1 | Department Name Department Number Group Number | 9 | Refer. Net Weight Refer. Gross Weight Percent Tare |
| 2 | PLU Number PLU Name 1 PLU Name 2 | 10 | Percent Tare Limit Saved Price Label Serial |
| 3 | PLU Name 3 Item Code Unit Weight | 11 | Store Name Clerk Number Clerk Name |
| 4 | Tax Rate Tax Price Tare Weight | 12 | Customer Name Customer Number Scale Number |
| 5 | Pieces Unit Symbol Sell By Date | 13 | Day of Week Currency Rate Second Total Price |
| 6 | Sell By Time Packed On Date Packed On Time | 14 | Second Unit Price Traceability Nutrition Fact |
| 7 | Produced Date Cook By Date Bonus Point | 15 | Label Caption Total Tax Price Second Add Total |
| 8 | Origin Ingredient Sales Message | 16 | Barcodes Image Weight |
| | | 17 | Quantity Unit Price Total Price |

2.13.3 Markdown (Menu code 1720)

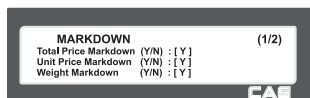
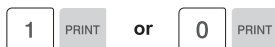
(MENU → 7. Print → 2. Mark down)

Markdown is to select “Yes” or “No” to print both of original and discount information on the label. There are 4 selectable sub-menus on label.

Markdown Sub-menu

| No | Sub-menu | Description |
|----|----------------------|--|
| 1 | Total Price Markdown | Select “Yes” to display both of original total price and discount total price if any. Otherwise, select No . |
| 2 | Unit Price Markdown | Select “Yes” to display both of original unit price and discount unit price if any. Otherwise, select No . |
| 3 | Weight Markdown | Select “Yes” to display both of original weight and discount weight if any. Otherwise, select No . |
| 4 | Quantity Markdown | Select “Yes” to display both of original quantity and discount quantity if any. Otherwise, select No . |

1. Select Yes or No by using 1 or 0 key and press



2. After setting all of above MARK DOWN sub-menus use “X/ESC” key or “SAVE” key to go back to PRINT main menu.



2.13.4 Printer Hardware (Menu code 1730)

(MENU → 7. Print → 1. Printer Hardware)

This section is to explain how to set printing H/W environments in the following table.

1. Press “3” to get into H/W setting mode on Print Menu.



Printer Hardware Sub-Menu

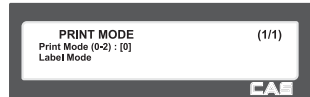
| No. | Sub-menu | |
|-----|---------------------|--|
| 1 | Print Mode | Select label, ticket or continuous label mode. |
| 2 | Label / Ticket Size | If it is Label mode, “ Width(60) ”, “ Height(40) ” and “ Gap length(2) ” size is set, If it is Ticket mode, “ Width(60) ”, “ Feed(20) ” and “ End Margin(5) ” size is set. If you use Continuous Label Paper in Label mode, “Gap length” value is applied to “End Margin”. * The values in () are default. |
| 3 | Sensor Calibration | Enter the “ Gap(128) ” and “ Peel(128) ” values for printing sensor calibration. * The values in () are default. * If you press “TEST” key, Gap and Peel values are adjusted automatically. * In case of Ticket mode, Gap value is not saved. |
| 4 | Sensor & Motor | Set Peel-off sensor, Rewind Motor and Label Paper type |
| 5 | Print Intensity | Set the extent of intensity of label (ticket) printed. |
| 6 | Adjust Feed Length | Set adjusting values of feed length. This value can be from -200 to +200. You can change sign(+, -) by pressing ZERO key. + value will print higher than THP. * Pressing “TEST” key automatically feeds to adjust the feed length. |
| 7 | Label Preprint | You can set preprint length. |

2.13.5 Print Mode (Menu code 1731)

(MENU → 7. Print → 3. Printer Hardware → 1. Print Mode)

Select “0” for Label Mode, “1” for Ticket Mode or “2” for Continuous Label Mode.

- Press “PRINT” to save.



2.13.6 Label Size/Ticket Size (Menu code 1732)

(MENU → 7. Print → 3. Printer Hardware → 2. Label Size)

Enter values for “Width”, “Height”, “Gap Length”. If you press “TEST” key, height and gap length of current label is measured.

- If it is Ticket Mode, “TICKET SIZE” is displayed, and “TEST” key is not operated.
- If it is Label mode and Continuous Label Paper, “TEST” key is not operated. And “End Margin” instead of “Gap Length” shows up.

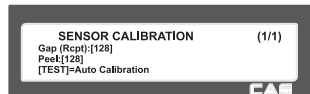


2.13.7 Sensor Calibration (Menu code 1733)

(MENU → 7. Print → 3. Printer Hardware → 3. Sensor Calibration)

Enter appropriate values for “Gap”, “Peel”, “Out of Paper”.

- If you press “TEST” key, Gap and Peel values are adjusted automatically.
- If it is Ticket mode, “Gap” value is not saved.

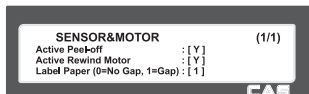


2.13.8 Sensor & Motor (Menu code 1734)

(MENU → 7. Print → 3. Printer Hardware → 4. Sensor&Motor)

Enter appropriate values or “Yes” or “No” for “PRINT METHOD TYPE”, “ACTIVE PEEL-OFF”, “ACTIVE REWIND MOTOR”, and “LABEL PAPER”.

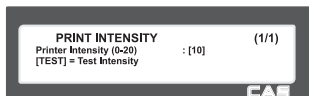
- If there is no gap on a label, set Label Paper to 0, if there a gap, set it to 1.
- When “Ticket Mode” is in “Print Mode”, [Rewind Motor] and [Labe Paper] do not work.



2.13.9 Print Intensity (Menu code 1735)

(MENU → 7. Print → 3. Printer Hardware → 5. Print Intensity)

Enter any value from “0” to “20”.
Press “TEST” to test printing a label.



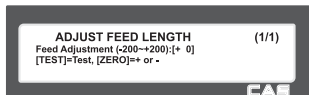
2.13.10 Adjust Feed Length (Menu code 1736)

(MENU → 7. Print → 3. Printer Hardware → 6. Adjust Feed Length)

Enter any value of the feed alignment from “-200” to “+200”.
Press “ZERO” to toggle sign.
Press “TEST” to test feed or “ENTER” to save current “FEED” Length value.

- 1pixel = 0.125mm

Ex) “+80” will print 10mm higher.
Ex) “-40” will print 5mm lower.



2.13.11 Label Preprint (Menu code 1737)

(MENU → 7. Print → 3. Printer Hardware → 7. Label Preprint)

Enter “Y(Yes)” or “N(No)” to select Preprint mode and any value of the preprint length from “0 mm” to “10 mm”.

LABEL PREPRINT (1/1)
 Preprint Mode : [N]
 Preprint Length : [10]

Press “TEST” to test preprinting.

After setting all of above H/W setting submenus use “X/ESC” key to go back to PRINT main menu



2.13.12 Serial Number Format (Menu code 1740)

(MENU → 7. Print → 4. Serial Number Format)

SERIAL NUMBER FORMAT programming is for numbering of label/ticket issued (printed) on label/ticket. User may identify daily total counts of label/ticket used up.

Press “4” to go to SERIAL NUMBER FORMAT menu in PRINT main menu.



SERIAL NUMBER FORMAT (1/1)
 Label Serial No. : [BBBBB]
 Ticket Serial No. : [%N%O%AAAAA]

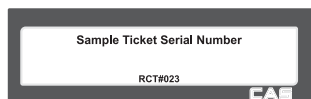
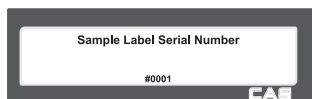
Enter appropriate data in [].

EX) #0001 on label
 EX) RCT#001 on ticket



SERIAL NUMBER FORMAT (1/1)
 Label Serial No. : [%#BBBB]
 Ticket Serial No. : [%R%C%TAAA]

| Meaning |
|--|
| • I : Item Code |
| • N : PLU Number |
| • P : Price |
| • U : Unit Price |
| • W : Weight |
| • Q : Quantity |
| • D : Department |
| • G : group |
| • A : Ticket Counter (Ticket Mode) |
| • B : Scale Transaction Counter |
| • F : PLU Prefix Character |
| • T : Text Character |
| • R : Transaction Counter of Each PLU |
| • L : Clerk Number |
| • % : Print Fixed Character in the Next Space. |
| • K : Country Code (For Future) |



2.13.13 Add-Up Total (Menu code 1750)

(MENU → 7. Print → 5. Add-up Total)

This section shows how to set printing environments of total label and item label when you use ADD-UP sales.

Press “5” to get into ADD-UP TOTA menu in PRINT main menu.

5



Press “0” for “No” or “1” for “Yes” in [].

EX) Print Total Label - Yes
Print Item Label - No



Press “PRINT” key to save and go back
to PRINT main menu



Add-up setting

| ADD-UP Setting | Description |
|-------------------|--|
| Print Total Label | Total label is printed when you press the PRINT key during add-up sales. |
| Print Item Label | Item label is printed whenever you press the ADD key. |

It is applied to Label mode.

2.13.14 Ticket (Menu code 1760)

(MENU → 7. Print → 6. Ticket)

This section shows how to select item(s) (Contents) printed on ticket.

Press “6” to go to TICKET setting.



2.13.15 Select Ticket Item (Menu code 1761)

(MENU → 7. Print → 6. Ticket → 1. Select Ticket Item)

Press “1” to go to SELECT TICKET
ITEM menu.



Select “Yes” or “No” for “Print List”,
Print Total Barcode , and Print Total Label .



2.13.16 Select List Item (Menu code 1762)

(MENU → 7. Print → 6. Ticket → 2. Select List Item)

Before setting list item, you have to set "Print List" to "Y" in menu 1761.

Press "2" to get into SELECT LIST ITEM menu.

Select "Yes" or "No" for "Print Store Name", "Print Clerk Name", and "Print Item Barcode".

Select "Yes" or "No" for "Print Tax Information", and "Print Traceability".
And, select appropriate ID # for "Ticket Head Form" and "Ticket Tail Form".

2 1 PRINT 1 PRINT 1 PRINT

1 PRINT 1 PRINT 2 PRINT 3 PRINT

Ticket Format Setting

| | Ticket Format Setting | Description |
|-------------|-----------------------------|--|
| Ticket Item | Print List (Y/N) | ■ Printing the list of each sales item(s). * In case of "Yes" selected user can go to "List Item" setting. |
| | Print Total Barcode | ■ Printing total barcode on ticket. |
| | Print Total Label | ■ Printing total amount on ticket. |
| | Print duplicate ticket | ■ Printing duplication of ticket |
| | Print List duplicate ticket | ■ Printing List of items on duplicated ticket Note : N=Printing amount of only total price for duplicate ticket |
| List Item | Print Store Name | ■ Printing store name on ticket. |
| | Print Clerk Name | ■ Printing clerk name on ticket. |
| | Print Item Barcode | ■ Printing every item's barcode on ticket. |
| | Print Tax Information | ■ Printing tax information on ticket. |
| | Print Traceability | ■ Printing traceability information on ticket |
| | Ticket Head Form No. | ■ Printing label format No. for ticket head. |
| | Ticket Tail Form No. | ■ Printing label format No. for ticket tail. |

You have to download label format for Ticket Head Form No. and Ticket Tail Form No. from PC.

Ticket Format

SELECT TICKET ITEM

(1/1)

Prt. List : [Y]

Prt. Total Barcode : [Y]

Prt. Total Label : [Y]

CAS

List Format

SELECT LIST ITEM

(1/3)

Prt. Store Name : [Y]

Prt. Clerk Name : [Y]

Prt. Item Barcode : [Y]

CAS

SELECT LIST ITEM

(2/3)

Prt. Tax Information : [Y]

Prt. Traceability : [Y]

Ticket Head Form No. : [2]

CAS

SELECT LIST ITEM

(3/3)

Ticket Tail Form No. : [3]

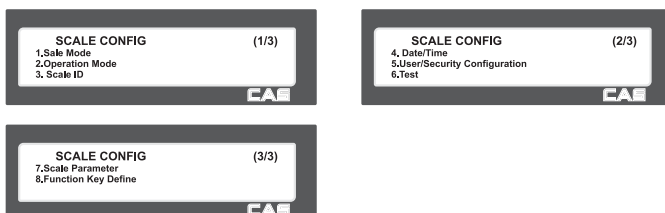
CAS

2.14 Programming Scale Configuration

2.14.1. Scale Configuration (Menu code 1800)

(MENU → 8. Scale Config)

This chapter explains how to configure the scale. The main menu of Scale Configuration is shown as below.



2.14.2 Sale Mode (Menu code 1810)

(MENU → 8. Scale Config → 1. Scale Mode)

This section is to select sale mode, which have six different modes in the following table.

Sale Modes

| No. | Sale Modes | Description |
|-----|------------------------|--|
| 1 | REG: Ticket & Floating | Selecting Ticket and Floating Clerk Mode. |
| 2 | REG: Label | Selecting label Mode. |
| 3 | REG: Prepack | Selecting Prepack Mode. |
| 4 | REG: Label & Floating | Selecting Label and Floating Clerk Mode. |
| 5 | Manager | Selecting Manager Mode |
| 6 | Repack | Selecting Repack Mode (In this mode, report is not updated.) |
| 7 | Self Service & Label | Selecting Self Service Mode (In this mode, you can use speed key and some keys. If you want to finish this mode, while pressing MENU key, enter system password and PRINT key) |

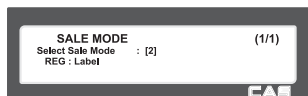
Selecting one of following sale modes, user may select an one-stop setting for Clerk, Operation, Print, and Prepack mode.

| MODE | Clerk Mode | Operation Mode | Print Mode | Prepack Mode |
|---------------------------|----------------|----------------|------------|--------------|
| 1. REG: Ticket & Floating | Floating Clerk | Regist | Ticket | OFF |
| 2. REG: Label | No Clerk | Regist | Label | OFF |
| 3. REG: Prepack | No Clerk | Regist | Label | ON |
| 4. REG: Label & Floating | Floating Clerk | Regist | Label | OFF |
| 5. Manager - | Manager | - | OFF | OFF |
| 6. Repack - | Repack | - | OFF | OFF |
| 7. Self Service & Label | - | - | Label | OFF |

Usually user has to set each option you wish to for clerk, operation, print or prepack mode. However, user may select simply one-stop sales mode for 7 different modes-Clerk, Operation, Print, and Prepack mode. User may also set options for Clerk/Operation mode in MENU 1820 and Print/Prepack mode in MENU 1731.

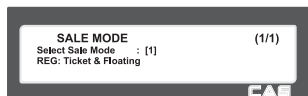
1. Select a sale mode

EX) Sale mode = 2.REG: Label



2. Select "Floating & Ticket" mode

EX) Sale mode = 1.REG: Ticket & Floating



2.14.3 Operation Mode (Menu code 1820)

(MENU → 8. Scale Config → 2. Operation Mode)

This section is to select a clerk and operation mode. There are three different operation modes, REGISTRATION, RE-PACK, MANAGER and three different clerk modes, NO CLERK, STANDARD CLERK, and FLOATING CLERK.

Clerk Modes

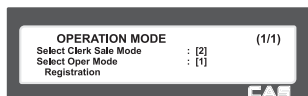
| No | Clerk Modes | Description |
|----|----------------|--|
| 1 | No Clerk | Sales clerk do not log in and makes sales using PRINT key. |
| 2 | Standard Clerk | Sales clerk can make sales when he/she logs in. |
| 3 | Floating Clerk | Plural sales clerks can make sales using own clerk ID. |

Operation Modes

| No | Operation Modes | Description |
|----|-----------------|--|
| 1 | Registration | Normal sales mode. |
| 2 | Repack | Normal sales mode but not included in total sales data(report). Good for clerk training. |
| 3 | Manager | In this mode user can access all of functions without any permission. |

1. Select appropriate “CLERK MODE” and “OPERATION MODE”.

EX) Clerk Mode=Standard Clerk
Operation mode=Registration



EX) Operation mode=Registration



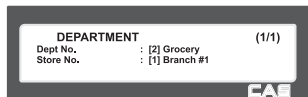
2.14.4 Department (Menu code 1830)

(MENU → 8. Scale Config → 3. Department)

This section shows how to select current department where scale is being used. User can use (call up) PLUs only for current department selected in sales mode. For example, if current department selected is GROCERY user can call up items registered only in GROCERY department. If user would like touse PLUs registered in other department than current department he/she should change scale s department setting. Store No. represents Store Name (or branch number) on label/ticket printed.

**1. Select “DEPARTMENT No.” and
“STORE ID”.**

EX) DEPARTMENT No.= 2 (Grocery)



Store No.= 1 (Branch #1)



2.14.5 Date & Time (Menu code 1840)

(MENU → 8. Scale Config → 4. Date/Time)

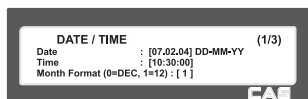
This section is to set scale s DATE & TIME appropriately.

**1. Set appropriate “DATE”, “TIME”,
and “MONTH FORMAT”.**

EX) DATE= [07.02.04]

TIME= [10:30:00]

Month Format= [1]

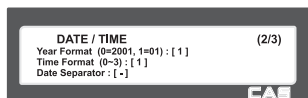


**2. Set “YEAR FORMAT”, TIME
FORMAT and separator for “DATE”.**

EX) Year Format (0=2001, 1=01) = [1]

Time Format(0~3) = [1]

Date Separator = [-]



**3. Set separators for “TIME”, using
ASCII code table on page**

EX) Time Separator = [:]



Please refer to “ASCII Code Table” (chapter 4.4) to input special characters in Date or Time separator.

**4. Press “PRINT” key to save it and go
out to SCALE CONFIGURATION
main menu.**



2.14.6 User/ Security Configuration (Menu code 1850)

(MENU → 8. Scale Config → 5. User/Security Configuration)

This section is to create, edit, change, list, delete clerk's security information and configure security level.

2.14.7 New/Edit User(Menu code 1851)

(MENU → 8. Scale Config → 5. User/Security Con → 1. New/Edit)

Enter appropriate USER data for CLERK number, CLERK NAME, NICKNAME, CLERK PASSWORD, CLERK LEVEL, and LABEL MESSAGE NO.

EX) CLERK No.= [2],
CLERK NAME =[CHRISTOPER],
NICKNAME =[CHRIS],
CLERK PASSWORD =[0115],
CLERK LEVEL =[3],

NEW/EDIT USER (1/2)
Clerk No. : [2]
Clerk Name : [CHRISTOPER]
Nickname : [CHRIS]

NEW/EDIT USER (2/2)
Clerk Password : [0115]
Clerk Level : [3]

Note: If you use floating mode, you have to register all clerks.

NEW/EDIT USER in USER'S Security Condition

| No | Operation Modes | Description |
|----|-----------------|--|
| 1 | Clerk No. | This value can be from 1 to 95. |
| 2 | Clerk Name | This value is available up to 22 characters. |
| 3 | Nickname | This value is available up to 7 characters. It can be printed on a label and displayed on the scale. |
| 4 | Clerk Password | 4 digit (alphanumeric) |
| 5 | Clerk Level | 0~3 level |

Password: When you enter the password, you have to type clerk number(2digit) and password(4 digit). For example, if your clerk number is 20 and password is 1234, you have to type 201234. Minimum password is 3 digit and maximum password is 6 digit. If there is no level 3 clerk, you can use default value. (Clerk No:1, password:1, Level:3) Therefore default password is 011.

- You have to set a level 3 clerk. If there is no level 3 clerk, you can use default password(011) and if any, you cannot use it.

Clerk level: This value can be from 0 to 3. This level is related to menu 1855(Config permission). If clerk 2 is set to level 2, this clerk can use the function which is set to level 1, 2 in menu 1855 and cannot use the function which is set to level 3.

| No. | Level | Description |
|-----|-------|---|
| 1 | 0 | It is assigned to employees who is registered but do not use scale. |
| 2 | 1 | Lowest level. Normal employees are assigned to level 1. |
| 3 | 2 | It is proper for chief clerk. |
| 4 | 3 | Highest level. It is proper for store manager. |

2.14.8 Change Password (Menu code 1852)

(MENU → 8. Scale Config → 5. User/Security Con → 2. Change Password)

1. Enter password.

- Clerk No. (2 digit) + password (4 digit)

EX) CLERK No.=1 , PASSWORD =2 ->
012
CLERK No.=11 , PASSWORD =22 ->
1122
CLERK No.=36, PASSWORD =1234
-> 361234

2. New Password

- Enter new password

EX) CLERK ID =11, PASSWORD = 22

2.14.9 List User (Menu code 1853)

(MENU → 8. SCALE CONFIG → 5. User/Security Con. → 3. List)

1. Enter start number and end number to check

- To list all, press the SAVE key

EX) 1~10

LIST USER (1/1)
• Start Number : [1]
• End Number : [10]
List All - Press [SAVE] Key

1 PRINT 1 0 PRINT

| No | Level | Name |
|----|-------|-------------|
| 1 | 3 | JOHNATHAN |
| 2 | 3 | CHRISTOPHER |
| 3 | 2 | PHILIP |

2.14.10 Delete User (Menu code 1854)

(MENU → 8. SCALE CONFIG → 5. User/Security Con. → 4. Delete)

1. Enter clerk number to delete

EX) Delete clerk no. 2

DELETE USER (1/1)
Clerk No. : [2] LEE

2.14.11 Config Permission (Menu code 1855)

(MENU → 8. SCALE CONFIG → 5. User/Security Con. → 5. Config Permission)

Permission level is related to clerk level and if the clerk level is lower than permission level, this clerk cannot access that function. Refer to clerk level on chapter 2.14.21

If permission level is "0", all clerks can access this function.

EX) If you set permission level to 2 for price change key and clerk 1 is set to level 1 and clerk 2 is set to level 2, clerk 1 can not use this key but clerk 2 can use this key

Setting Configuration Permission

| No | Operating | Description |
|----|-------------------------|--|
| 1 | Use Item Change Key | Set a permission level for PLU Change Key. (You can define this function key in menu 1880 on chapter 2,14,22) |
| 2 | Use Price Change Key | Set a permission level for price change key. (You can define this function key in menu 1880 on chapter 2,14,22) |
| 3 | Use Dept. Change Key | Set a permission level for department change key. (You can define this function key in menu 1880 on chapter 2,14,22) |
| 4 | Use Pay Key | Set a permission level for Pay key (You can define this function key in menu 1880 on chapter 2,14,22) |
| 5 | Use Date Change Key | Set permission level for data change key. (You can define this function key in menu 1880 on chapter 2,14,22) |
| 6 | Use Type Change Key | Set a permission level for PLU type change key.(You can define this function key in menu 1880 on chapter 2,14,22) |
| 7 | Use Selection PLU Item | Set a permission level for Selecting PLU item (You can define this function key in menu 1880 on chapter 2,14,22) |
| 8 | Use Input Weight Key | Set a permission level for In-weight key (You can define this function key in menu 1880 on chapter 2,14,22) |
| 9 | Use Edit Discount Key | Set a permission level for discount (You can define this function key in menu 1880 on chapter 2,14,22) |
| 10 | Allow Clerk Sale | Set a permission level for password in floating mode |
| 11 | Allow Void | Set a permission level to void item |
| 12 | Allow ADD-UP | Set a permission level for add-up sales |
| 13 | Allow Return | Set a permission level to return item |
| 14 | Allow Override | Set a permission level to override price |
| 15 | Allow Cash Drawer Open | Set a permission level to open cash drawer |
| 16 | Allow Edit Menu | Set a permission level to go to program menu |
| 17 | Allow menu for edit PLU | Set a permission level to edit PLU |
| 18 | Allow Price Change | Set a permission level to change price |
| 19 | Allow Global Set | Set a permission level for global setting |
| 20 | Allow X Report | Set a permission level for X report |
| 21 | Allow Z Report | Set a permission level for Zreport |
| 22 | Allow Store Data Edit | Set a permission level to edit store data |
| 23 | Allow Discount Edit | Set a permission level to edit discount |

| No | Operating | Description |
|----|---------------------------|---|
| 24 | Allow Tax Edit | Set a permission level to edit tax |
| 25 | Allow Tare Edit | Set a permission level to edit tare |
| 26 | Allow Traceability Edit | Set a permission level to edit traceability |
| 27 | Allow Customer Edit | Set a permission level to edit customer |
| 28 | Allow Scale Configuration | Set a permission level for scale configuration |
| 29 | Allow Communication Meg. | Set a permission level for communication message |
| 30 | Allow Edit Data Table I. | Set a permission level to edit data table I. |
| 31 | Allow Edit Data Table II. | Set a permission level to edit data table II. |
| 32 | Allow Printer Setting | Set a permission level for printer setting |
| 33 | Allow Change Oper. Mode | Set a permission level to change operation mode |
| 34 | Allow Change User Param. | Set a permission level to change user param. |
| 35 | Allow Set Communication | Set a permission level for communication setting. |
| 36 | Use Save Key | Set a permission level to use save key |

You can use the **PG UP** and **PG DOWN** keys to navigate from page to page, or you can use the **Arrow** keys to go through each page 1 line at a time.

2.14.12 Clerk Key (Menu code 1856)

(MENU → 8. SCALE CONFIG → 5. User/Security Con. → 6. Clerk Key)

You can assign Clerk key to clerk. There are 31 Clerk keys and you have to set these keys in menu 1880 (Key define). See chapter 2.14.22.

1. Enter Clerk Key

- This value can be from 1 to 31.

EX) Clerk Key No. = 2



2. Enter Clerk No.

EX) Clerk = 2. LEE



For example if you set "A" key to clerk 2 in menu 1880 (Key define), and call up a PLU and press "A" key in floating sale mode, it is recognized that clerk no. 2 (LEE) sold this item.

2.14.13 Test (Menu code 1860)

(MENU → 8. SCALE CONFIG → 6. Test)

This programming is to test the scale by itself in the 7 fields , such as DISPLAY, A/D, KEYBOARD, PRINTER, RINTER SENSOR, MEMORY INFORMATION AND FIRMWARE VERSION.

Press "6" to get into TEST menu.



2.14.14 Display Test (Menu code 1861)

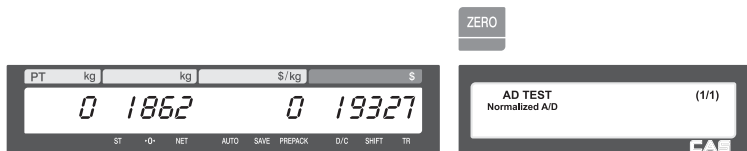
(MENU → 8. SCALE CONFIG → 6. Test → 1. Display)

To test the display, press “1” on Test menu screen. It automatically tests it. You can exit from testing, by pressing “X/ESC” key.

2.14.15 A/D Test (Menu code 1862)

(MENU → 8. SCALE CONFIG → 6. Test → 2. A/D)

To test the A/D, press “2”

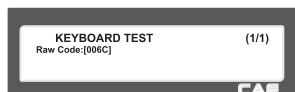


To set zero press “ZERO”
User may exit from this menu, using “X/ESC” key

2.14.16 Keyboard Test (Menu code 1863)

(MENU → 8. SCALE CONFIG → 6. Test → 3. Keyboard)

To test keyboard, press “3” Display will show grid point Press any key to test key pad.
To exit keyboard test, press “ESC” two times.



2.14.17 Chess Printer Test (Menu code 1864)

(MENU → 8. SCALE CONFIG → 6. Test → 4. Chess Print)

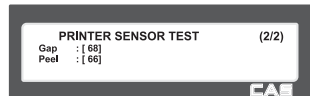
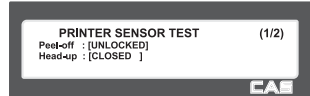
Press “TEST” key to test printing a label.



2.14.18 Printer Sensor Test (Menu code 1865)

(MENU → 8. SCALE CONFIG → 6. Test → 5. Printer Sensor)

To test printer sensor, press “5” on Test menu screen. The scale shows the conditions of current printer.



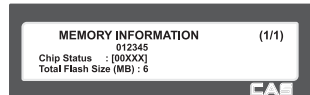
Printer Sensor Test Items

| No | Test Items | Description |
|----|------------|--|
| 1 | Peel-off | To test that peel-off sensor is properly work. |
| 2 | Head-up | To test that TPH is opened or not |
| 3 | Gap | To show real time-sensoring Gap value. |
| 4 | Peel | To show real time-sensoring peel value. |

2.14.19 Memory Information (Menu code 1866)

(MENU → 8. SCALE CONFIG → 6. Test → 6. Memory Information)

To see memory information, press “6” on Test menu screen. The display shows current memory size. 0 indicates 1MB. You can exit from this menu, by pressing “X/ESC” key.



2.14.20 Firmware Version (Menu code 1867)

(MENU → 8. SCALE CONFIG → 6. Test → 7. Firmware Version)

You can check firmware version of the scale.



2.14.21 Scale Parameter (Menu code 1870)

(MENU → 8. SCALE CONFIG → 7. Scale Parameter)

You can set scale's environment as below.

Scale Parameter

| Menu | Sub-menu | Setting Value | Description |
|---------------------------------|---------------------------------|---|---|
| 1. Display (Menu code:1871) | Display Discount Info | Y/N | The scale shows discount information. |
| | Show Clerk Nickname | Y/N | The scale shows clerk' s nickname |
| | PLU Name Align | 0: Left alignment 1: Center alignment 2: Right alignment | Set the alignment position of PLU |
| | Enable Scroll msg with PLU | Y/N | Setting whether scroll message is showed up or not when PLU is called. |
| 2. Printing (Menu code:1872) | Label prt w.o rewind(x Key) | Y/N | Do not use rewind function when you use "X" key. |
| | Confirm prt report on label | 0:Print automatically 1:Need to confirm to print report and do not confirm any more until power off 2:Need to confirm to print report and do not confirm any more until you exit program mode | Set confirm method when you print report in label mode |
| | Print origin for comm.,line | 0: Do not print 1: Print in Name 1 2: Print in Name 2 3: Print in Name 3 | Print origin in commodity line. |
| | Print unit symbol in qty area | Y/N | Print Qty Symbol in qty area. |
| | Print pieces in unit price area | Y/N | Print Pieces in unit price area. |
| | Print All report within range | Y/N | Print all report |
| | Swedish auto barcode | 0:Not use 1:Price Auto Code 2:Weight Auto Code | Selection the way and whether using Swedish automatic bar code function |
| | Print pack type | 0:Not use 1:alphabet 2:day(Mon, Tue,...) 3:day,year | Setting up the type when packing date is printed |
| | Print Item when return | 0:Do not print 1: Print | Print return list when it returns. |
| | | | |

| Menu | Sub-menu | Setting Value | Description |
|--|-------------------------------|---------------|---|
| 3. Sale Setup (Menu code:1873) | Save unit price change | Y/N | Save unit price change. |
| | Save Type change | Y/N | Save type Change in PLU |
| | Start save mode (start up) | Y/N | Save mode is active when you turn on the scale. |
| | PLU clr Aft sale(WT, On Tray) | Y/N | Plu is cleared after printing even though there is an item on the platter. |
| | Print count w,o misc. key | Y/N | If you enter count, it is considered that misc. Count condition when there is no Misc. Key |
| | Print weight w,o misc. key | Y/N | If there is an item on the platter, it is considered that misc. weight condition when there is no Misc. Key |
| | T.price = price + Tax | Y/N | Tax is included in total price |
| | Shift key instead return Key | Y/N | Use shift key instead of return key. |
| | Use double speed key | Y/N | Use double speed key |
| | Use double DATE/TIME key | Y/N | If you double-click, command window will be appear |
| | Multi-print on discount sale | Y/N | Setting up to print discounted product label repeatedly |
| | Start auto mede(start up) | Y/N | Setting up to select whether it start with Auto Mode when it boots. |
| | Enable Quick PLU | Y/N | Once you press the number key, PLU is called immediately. |
| 4. Clerk Logout (Menu code:1874) | Log off after transaction | Y/N | After printing label, automatically Clerk Log off |
| | Clerk log out Time(0.1s) | 1~99 | Set clerk log out time. |

You can use the **PG UP** and **PG DOWN** keys to navigate from page to page, or you can use the Arrow keys to go through each page 1 line at a time.

2.14.22 Function Key Define (Menu code 1880)

(MENU → 8. Scale → 8. function Key Define)

You can define function keys to Speed keys. It is recommended that you define function key to higher number Speed key because you can not use that PLU key.



1. Enter key code

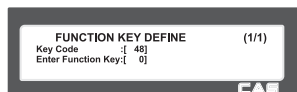
Pole type : 72 Speed Keys

Standard type : 48 Speed Keys.

If you press Speed key, the displays shows the key code of that speed key.

EX1) Standard Type :

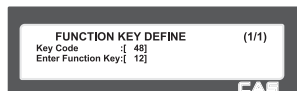
EX1) Press last speed key.



2. Enter function key

EX1) Use 12 Function key (LCD

Back_light ON/OFF) Refer to below table.



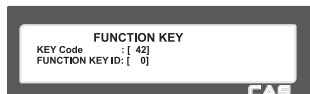
3. To cancel function key.

Enter key code to cancel and set Function Key No. to 0

EX) Key Code = 42

EX1) Function Key id = 0

If you cancel function key, you can use it as Speed key.



Function Key.

| Function Key | Define | Description |
|--------------|------------------|-------------------------------------|
| 1 | [DISC -] | - SALE Key |
| 2 | [DISC%] | % SALE Key |
| 3 | [SPECIAL SALE] | Special sales unit price |
| 4 | [NEGATIVE] | Negative sale |
| 5 | [FIXED PRICE] | Fixed Price Key |
| 6 | [TYPE CHANGE] | WT/CT Key |
| 7 | [CASHOPEN] | Cash Drawer Open Key |
| 8 | [GRAND TOTAL] | Grand Total Key |
| 9 | [PLU REFERENCE] | Reference PLU Key |
| 10 | [IN WEIGHT] | INWeight Key |
| 11 | [LABEL/TICKET] | Toggle between the Label and Ticket |
| 12 | [DISPLAY RESET] | Display refresh |
| 13 | [MISC WEIGHT] | Misc. Weight Key |
| 14 | [MISC COUNT] | Misc. Count Key |
| 15 | [MISC PCS] | Misc. PCS Key |
| 16 | [EDIT SELL] | Sell By Date Change Key |
| 17 | [EDIT ORIGIN] | Origin Change Key. |
| 18 | [EDIT ITEM] | PLU Change Key |
| 19 | [EDIT DATETIME] | Change Date/Time |
| 20 | [EDIT D/C] | Set discount for current PLU |
| 21 | [EDIT SPEEDKEY] | Change PLU Speed key |
| 22 | [EDIT PRICE] | PLU Price Change Key |
| 23 | [CLERK CALL] | Clerk key to call indirectly |

| | | |
|-----------|---------------|--|
| 24 | [LAST VOID] | Void Last Sale |
| 25~28 | [CURRENCY1~4] | Call Currency Table |
| 29 | [BATCH] | Batch Printing |
| 31~39 | [TARE KEY1~9] | Call Tare Table |
| 40~42 | [UNIT1~3] | Weight Unit Key kg : unit1=1kg, unit2=100g, unit3=N/A lb : unit1=1lb,unit2=1/2lb,unit3=1/4lb |
| 43 | [KGLB] | Toggle between the Kg and Lb |
| 44 | [PACKDATE] | Pack Date Change Key |
| 45 | [TICKET NO] | Edit TicketSerialNumber(Masterscale) input range : 1~99999 |
| 50 | [PRINTDATE] | Print Date On, Off |
| 51~82 | CLERK(V1~V32) | Clerk key |
| 83~90 | [LABEL1~8] | Label Change Key |
| 91 | EDIT TAX | Tax Change Key |
| 92 | EDIT TRACE | Traceability Change Key |
| 93~124 | [CLERK_33~64] | Clerk key |
| 125 | [SCAN CLERK] | Select the scan clerk |
| 126 | [BARCODE] | Input barcode number Key |
| 0 or 9999 | | PLU Key |

2.15 Report

2.15.1 Introduction

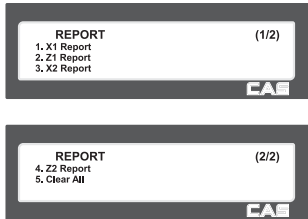
X mode is used to read (i.e. print and display) sales data. There are variety of reports that you can generate from X mode. Each of these reports is kept in two separate counters or “books” called X1 and X2. The X1 and X2 reports allow you to print reports at any time for either of the reporting periods.

You can use X1 reports to see current daily totals and X2 reports to see current weekly totals. The time period combination you chose is completely dependent upon how you use Z1 and Z2.

Remember that you can generate as many X reports as you would like because X mode does NOT clear any sales data.

2.15.2 Report Menu (Menu code 1600)

(MENU → 6. Report)

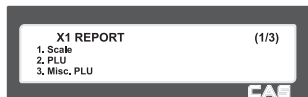


| No. | Submenus | Description |
|-----|-----------|---|
| 1 | X1 Report | Print and display sales data of period 1 |
| 2 | Z1 Report | Print, display and clear sales data of period 1 |
| 3 | X2 Report | Print and display sales data of period 2 |
| 4 | Z2 Report | Print, display and clear sales data of period 2 |
| 5 | Clear All | Clear all reports of period 1 and 2 |

2.15.3 X1/X2 Report (Menu code 1610/1630)

(MENU → 6. Report → 1. X1 Report / → 3. X2 Report)

There are 7 detailed reports.



| No | Submenus | Description |
|----|------------|---|
| 1 | Scale | Print and display scale sales report |
| 2 | PLU | Print and display PLU sales report |
| 3 | Misc. PLU | Print and display Misc. PLU sales report |
| 4 | Group | Print and display group sales report |
| 5 | Department | Print and display department sales report |
| 6 | Hourly | Print and display hourly sales report |
| 7 | Clerk | Print and display clerk sales report |

2.15.4 X1/X2 Scale Sales Report (Menu code 1611/1613)

(MENU → 6. Report → 1. X1 Report /3. X2. Report → 1. Scale)

If you press “1” key on X1/X2 Report menu screen, scale sales report is shown on the display.

1



To print this report, press “TEST” key.

PAY.
TEST



If your scale is in label mode, the scale shows “Do you want to print on label?”. If your label has gap, press 1. if you want to print report on ticket, press 0 and change the setting to Ticket in menu 1731 then change your label to ticket.

To exit this menu, press the “ESC” key.

Sample - Scale Report

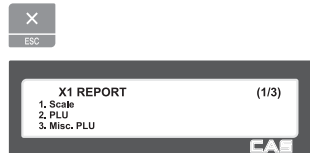
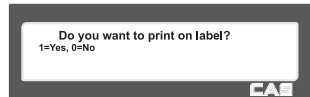
```

X1 SCALE REPORT
AUG-23-04(MON) 09:46:36 AM
Last Reset
AUG-16-04(MON) 03:33:14 PM
=====
SCALE #01
-----
TOTAL COUNT          267
TOTAL PRICE          $ 5693,70
VOID COUNT            3
VOID PRICE           $ 27,30
REPACK COUNT          0
REPACK PRICE          $ 0,00
OVERRIDE COUNT        0
OVERRIDE PRICE        $ 0,00
DISCOUNT COUNT       0
DISCOUNT PRICE       $ 0,00
PREPACK COUNT         1
PREPACK PRICE         $ 3,05
RETURN COUNT           0
RETURN PRICE          $ 0,00
NO SALE OPEN COUNT    0

PAY SUMMARY
CASH      26      $ 1242,70
PIN/CHIP   2      $ 12,50
CHECK      2      $ 82,00
CREDIT CARD 5      $ 84,40
CREDIT NOTE 2      $ 61,00
COUPON     3      $ 17,00
BONUS POINT 0      $ 0,00
CREDIT SALES 3      $ 60,00
CHANGE    17      $ 287,46

TAX SUMMARY
1:10,00%,Internal      $ 67,39
2:10,00%,External     $ 242,00
3: 8,00%,Internal      $ 190,95
4: 0,00%                $ 0,00
5: 0,00%                $ 0,00
6: 0,00%                $ 0,00
7: 0,00%                $ 0,00
8: 0,00%                $ 0,00
9: 0,00%                $ 0,00
=====

```



2.15.5 X1/X2 PLU Report (Menu code 1612/1632)

(MENU → 6. Report → 1. X1 Report /3. X2 Report → 2. PLU Report)

Press “2” key on X1/X2 Report menu screen.
Enter PLU range to check.

2

EX) dept 1, plu 1 ~ 10



Enter PLU range to check.

1 PRINT 1 PRINT 1 0

EX) dept 1, plu 1 ~ 10



PLU sales report is shown on the display by
pressing “PRINT” key.

PRINT

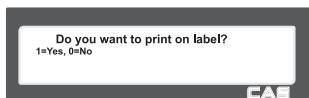


To print report, press “TEST” key.

PAY
TEST



- * If your scale is in label mode, the scale shows “Do you want to print on label?”.
- * If your label has gap, press 1. if you want to print report on ticket, press 0 and change the setting to Ticket in menu 1731 then change your label to ticket.

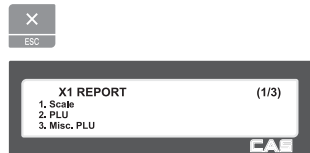


* “Do you want to print on label?” message
is displayed depending on the setting of
menu 1872

* Confirm Print Report on Label

* If you print report in label mode, rewind
motor does not operated so you remove
label and then press the PEED key.

To exit this menu, press the “ESC” key.



Note: PLU with no sales is not printed.

Sample - PLU Report

| | |
|------------------------------|------------|
| X1 SCALE REPORT | |
| AUG-23-04(MON) 09:46:36 AM | |
| Last Reset | |
| AUG-16-04(MON) 03:33:14 PM | |
| Start No:00000, End No:99999 | |
| ===== | |
| DEPT #01 Default | |
| ----- | |
| PLU #00001 APPLE | |
| TRANSACTION COUNT | 84 |
| WEIGHT | 74,828 kg |
| QUANTITY | 0 |
| PRICE | \$ 681.79 |
| TAX PRICE | \$ 67.39 |
| PLU #00002 BANANA | |
| TRANSACTION COUNT | 96 |
| WEIGHT | 0,000 kg |
| QUANTITY | 98 |
| PRICE | \$ 1994.00 |
| TAX PRICE | \$ 196.00 |
| PLU #00003 ORANGE | |
| TRANSACTION COUNT | 61 |
| WEIGHT | 0,000 kg |
| QUANTITY | 62 |
| PRICE | \$ 1994.00 |
| TAX PRICE | \$ 196.00 |
| ... | |
| ----- | |
| ===== | |

2.15.6 X1/X2 Miscellaneous PLU Report (Menu code 1613/1633)

(MENU → 6. Report → 1. X1 Report /3. Report → 3. MISC. PLU)

Press “3” key on X1/X2 Report menu screen.

3



Enter the number to check.

0 : Miscellaneous by-Weight

1 : Miscellaneous by-count

2 : Miscellaneous by-pcs

Ex) Misc. by-weight, Misc. by-count, Misc. by-pcs

0

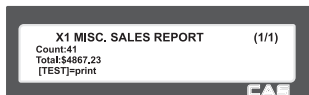
PRINT

2



Sales report is shown on the display by pressing “PRINT” key.

PRINT



To print report, press “TEST” key.

PAY

TEST



* If your scale is in label mode, the scale shows “Do you want to print on label?”.

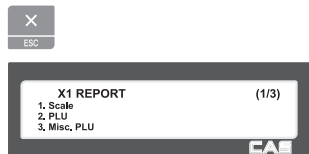
* If your label has gap, press 1. if you want to print report on ticket, press 0 and change the setting to Ticket in menu 1731 then change your label to ticket.

Do you want to print on label?
1=Yes, 0=No

CAS

- * “Do you want to print on label?” message is displayed depending on the setting of menu 1872
- * Confirm Print Report on Label
- * If you print report in label mode, rewind motor does not operated so you remove label and then press the FEED key.

To exit this menu, press the “ESC” key.



Note: Misc. PLU with no sales is not printed.

Sample - Miscellaneous Report

| | |
|----------------------------|------------|
| X1 SCALE REPORT | |
| AUG-23-04(MON) 09:46:36 AM | |
| Last Reset | |
| AUG-16-04(MON) 03:33:14 PM | |
| Start No:0, End No:2 | |
| ===== | |
| ----- | |
| PLU # Misc By Weight | |
| TRANSACTION COUNT | 84 |
| WEIGHT | 74,828 kg |
| QUANTITY | 0 |
| PRICE | \$ 681,79 |
| TAX PRICE | \$ 67,39 |
| PLU # Misc by Count | |
| TRANSACTION COUNT | 96 |
| WEIGHT | 0,000 kg |
| QUANTITY | 98 |
| PRICE | \$ 1994,00 |
| TAX PRICE | \$ 196,00 |
| PLU # Misc By PCS | |
| TRANSACTION COUNT | 61 |
| WEIGHT | 0,000 kg |
| QUANTITY | 98 |
| PRICE | \$ 1994,00 |
| TAX PRICE | \$ 196,00 |
| ----- | |
| ===== | |

2.15.7 X1/X2 Group Report (Menu code 1614/1644)

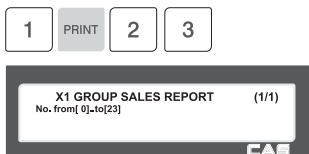
(MENU → 6. Report → 1. X1 Report /X2. Report → 4. Group)

Press “4” key on X1/X2 Report menu screen.

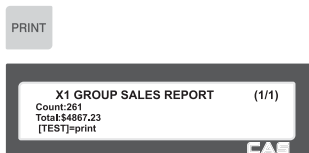


Enter group range to check
If you do not set group in PLU setting, it is
1 : Miscellaneous by-count

Ex) Group 0 ~ Group 23



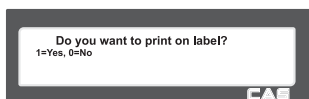
You can see group sales data by pressing
“PRINT” key.



To print report, press the “TEST” key.

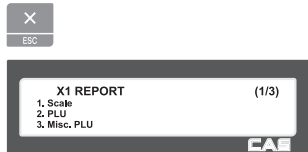


- * If your scale is in label mode, the scale shows “Do you want to print on label?”.
- * If your label has gap, press 1. if you want to print report on ticket, press 0 and change the setting to Ticket in menu 1731 then change your label to ticket.



Note: Because of auto gap sensor printer will not print on where the gap is.

To exit this menu, press “ESC” key.



Note: Misc. If the setting of MENU 1872, “Print All Report within Range” is “No”, the group with no sales is not printed. But if “Yes”, all group sales data within the range is printed.

Sample - PLU Report

| | |
|---------------------------------|-----------|
| X1 SCALE REPORT | |
| AUG-23-04(MON) 09:46:36 AM | |
| Last Reset | |
| AUG-16-04(MON) 03:33:14 PM | |
| Start No:00, End No:99 | |
| ===== | |
| GROUP #00 NO Assigned PLU Group | |
| ----- | |
| TOTAL COUNT | 276 |
| TOTAL PRICE | \$5993,70 |
| PREPACK COUNT | 1 |
| PREPACK PRICE | \$ 3,05 |
| ----- | |
| GROUP #01 Vegetable | |
| ----- | |
| TOTAL COUNT | 276 |
| TOTAL PRICE | \$5993,70 |
| PREPACK COUNT | 1 |
| PREPACK PRICE | \$ 3,05 |
| ----- | |
| GROUP #02 Fruit | |
| ----- | |
| TOTAL COUNT | 276 |
| TOTAL PRICE | \$5993,70 |
| PREPACK COUNT | 1 |
| PREPACK PRICE | \$ 3,05 |
| ----- | |
| . . . | |
| ===== | |

2.15.8 X1/X2 Department Sales Report (Menu code 1615/1635)

(MENU → 6. Report → 1. X1 Report /3.X2 Report → 5. Department)

Press “5” key on X1/X2 Report menu screen.



Enter department range to check.

EX) dept 1 ~ dept 10



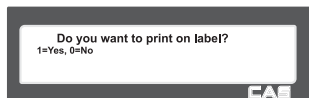
You can see department sales data by pressing "PRINT" key.



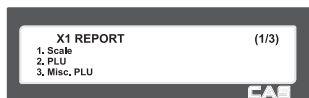
To print report, press the "TEST" key.



- * If your scale is in label mode, the scale shows "Do you want to print on label?".
- * If your label has gap, press 1. if you want to print report on ticket, press 0 and change the setting to Ticket in menu 1731 then change your label to ticket.



- * To exit this menu, press "ESC" key.



Note: If the setting of MENU 1872, "Print All Report within Range" is "No", the department with no sales is not printed. But if "Yes", all department sales data within the range is printed.

Sample - Department Report

| | | |
|----------------------------|-----------|-----|
| X1 SCALE REPORT | | |
| AUG-23-04(MON) 09:46:36 AM | | |
| Last Reset | | |
| AUG-16-04(MON) 03:33:14 PM | | |
| Start No:01, End No:99 | | |
| ===== | | |
| DEPT #01 Default | | |
| ----- | | |
| TOTAL COUNT | | 274 |
| TOTAL PRICE | \$5993.70 | |
| PREPACK COUNT | 1 | |
| PREPACK PRICE | \$ 3.05 | |
| RETURN COUNT | 0 | |
| RETURN PRICE | \$ 0.00 | |
| ----- | | |
| DEPT #02 MEET | | |
| ----- | | |
| TOTAL COUNT | | 274 |
| TOTAL PRICE | \$5993.70 | |
| PREPACK COUNT | 1 | |
| PREPACK PRICE | \$ 3.05 | |
| RETURN COUNT | 0 | |
| RETURN PRICE | \$ 0.00 | |
| ----- | | |
| DEPT #03 FISH | | |
| ----- | | |
| TOTAL COUNT | | 274 |
| TOTAL PRICE | \$5993.70 | |
| PREPACK COUNT | 1 | |
| PREPACK PRICE | \$ 3.05 | |
| RETURN COUNT | 0 | |
| RETURN PRICE | \$ 0.00 | |
| ----- | | |
| . . . | | |
| ===== | | |

2.15.9 X1/X2 Hourly Sales Report (Menu code 1616/1636)

(MENU → 6. Report → 1. X1 Report /3.X2 Report → 6. Hourly)

Press “6” key on X1/X2 Report menu screen.

6

X1 HOURLY SALES REPORT (1/1)
No. from[0]_to[23]

CAS

Enter time to check.

9 PRINT 1 4

EX) AM 9 hour ~ PM 2 hour

X1 HOURLY SALES REPORT (1/1)
No. from[9]_to[14]

CAS

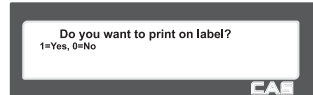
You can see hourly sales data by pressing “PRINT” key.



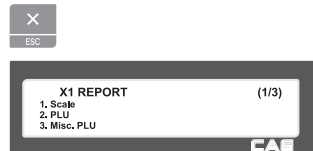
To print report, press “TEST” key.



- * If your scale is in label mode, the scale shows “Do you want to print on label?”.
- * If your label has gap, press 1. if you want to print report on ticket, press 0 and change the setting to Ticket in menu 1731 then change your label to ticket.



- * To exit this menu, press “ESC” key



Note: If the setting of MENU 1872, “Print All Report within Range” is No , the hour with no sales is not printed. But if “Yes”, all hour sales data within the range is printed.

Sample - hourly Report

| | |
|----------------------------|-----------|
| X1 SCALE REPORT | |
| AUG-23-04(MON) 09:46:36 AM | |
| Last Reset | |
| AUG-16-04(MON) 03:33:14 PM | |
| Start No:00, End No:23 | |
| ===== | |
| HOUR #10 | |
| ----- | |
| TOTAL COUNT | 274 |
| TOTAL PRICE | \$5993,70 |
| PREPACK COUNT | 1 |
| PREPACK PRICE | \$ 3,05 |
| ----- | |
| HOUR #11 | |
| ----- | |
| TOTAL COUNT | 274 |
| TOTAL PRICE | \$5993,70 |
| PREPACK COUNT | 1 |
| PREPACK PRICE | \$ 3,05 |
| ----- | |
| HOUR #13 | |
| ----- | |
| TOTAL COUNT | 274 |
| TOTAL PRICE | \$5993,70 |
| PREPACK COUNT | 1 |
| PREPACK PRICE | \$ 3,05 |
| ----- | |
| . . . | |
| ===== | |

2.15.10 X1/X2 Clerk Sales Report (Menu code 1617/1637)

(MENU → 6. Report → 1. X1 Report /3.X2 Report → 7. Clerk)

Press “7” key on X1/X2 Report menu screen.

7

X1 CLERK SALES REPORT

(1/1)

No. from[0]_to[99]

CAS

Enter clerk range to check.

0

PRINT

9

9

X1 CLERK SALES REPORT

(1/1)

No. from[0]_to[99]

CAS

EX) clerk 0 ~ clerk 99

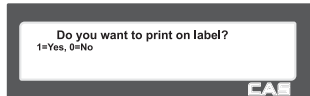
You can see hourly sales data by pressing “PRINT” key.



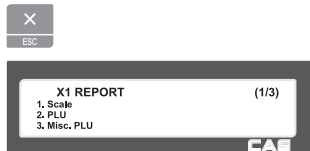
To print report, press “TEST” key.



- * If your scale is in label mode, the scale shows “Do you want to print on label?”.
- * If your label has gap, press 1. if you want to print report on ticket, press 0 and change the setting to Ticket in menu 1731 then change your label to ticket.



- * To exit this menu, press “ESC” key



Note: If the setting of MENU 1872, “Print All Report within Range” is No , the hour with no sales is not printed. But if “Yes”, all hour sales data within the range is printed.

Sample - Clerk Report

X1 SCALE REPORT
X1 CLERK REPORT
AUG-23-04(MON) 09:46:36 AM
Last Reset
AUG-16-04(MON) 03:33:14 PM
Start No:00, End No:99
=====

CLERK #00 MANAGER

| | |
|--------------------|------------|
| TOTAL COUNT | 267 |
| TOTAL PRICE | \$ 5693.70 |
| VOID COUNT | 3 |
| VOID PRICE | \$ 27.30 |
| REPACK COUNT | 0 |
| REPACK PRICE | \$ 0.00 |
| OVERRIDE COUNT | 0 |
| OVERRIDE PRICE | \$ 0.00 |
| DISCOUNT COUNT | 0 |
| DISCOUNT PRICE | \$ 0.00 |
| PREPACK COUNT | 1 |
| PREPACK PRICE | \$ 3.05 |
| RETURN COUNT | 0 |
| RETURN PRICE | \$ 0.00 |
| NEGATIVE COUNT | 0 |
| NEGATIVE PRICE | \$ 0.00 |
| NO SALE OPEN COUNT | 0 |

PAY SUMMARY

| | | |
|--------------|----|------------|
| CASH | 26 | \$ 1242.70 |
| PIN/CHIP | 2 | \$ 12.50 |
| CHECK | 2 | \$ 82.00 |
| CREDIT CARD | 5 | \$ 84.40 |
| CREDIT NOTE | 2 | \$ 61.00 |
| COUPON | 3 | \$ 17.00 |
| BONUS POINT | 0 | \$ 0.00 |
| CREDIT SALES | 3 | \$ 60.00 |
| CHANGE | 17 | \$ 287.46 |

CLERK #01 CLERK

| | |
|-------------|------------|
| TOTAL COUNT | 267 |
| TOTAL PRICE | \$ 5693.70 |

...

CLERK #02 AHN

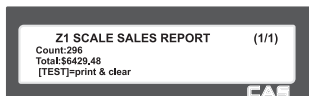
| | |
|-------------|------------|
| TOTAL COUNT | 267 |
| TOTAL PRICE | \$ 5693.70 |

...

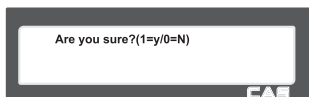
2.15.11 Z1/Z2 Report (Menu code 1620/1640)

(MENU → 6. Report → 2. Z1 Report / 4. Z2 Report)

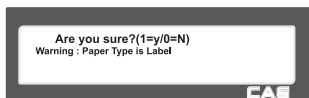
If you select menu code 1620, you will see following screen.



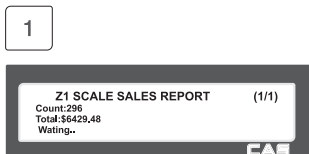
If you want to print and clear the data, press TEST key. The scale shows following screen.



If the print mode(paper type) is different, following message is shown on the display.



To print and clear, press “1” key. The scale shows following screen.



When printing is done, Z1 data is cleared and exit this menu.
Sales data is same with X1 report



Note1: If the setting of Parameter 598, “Print when Z Report clear” is “No”, you cannot print Z Report.

Note2: If the setting of Parameter 595 “Individual clear(Z report)” is “Yes”, you can clear Scale, PLU, Misc. PLU, Group, Department, Hourly, Clerk data is cleared separately.
But if you use this function, each report is not same with scale report.

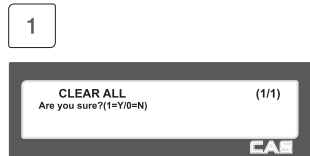
2.15.12 Clear All Report (Menu code 1650)

(MENU → 6. Report → 5. Clear All)

If you select menu code 1650, you will see following screen.



To clear all report, press 1 key. If you do not want to clear, press 0 or ESC key.



3. SALES OPERATION

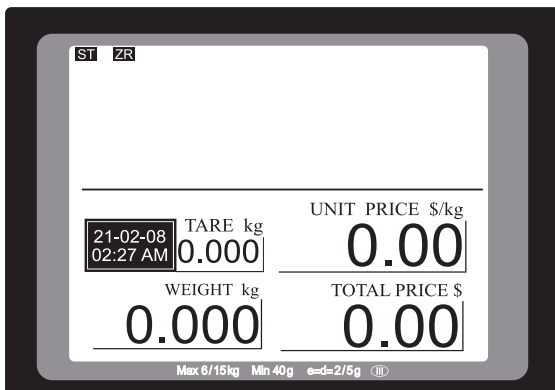
3.1 Basic Operation

This chapter explains basic operation of scale, such as how to set zero, tare, call up a PLU and override unit price in CL5000 series.

- Turn ON the scale. The first screen will be seen as below for CL5000-B,P,R and H type.



The first screen of CL5000-G is as seen below.



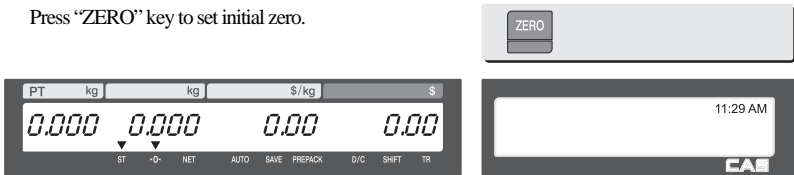
3.2 Zero

You can use the ZERO key to correct for a deviation from zero as long as there are no PLUs or MISC PLUs called-up. The weight can sometimes drift from zero due to debris on the platter, leaving objects on the platter for excessive periods of time, or other environmental factors. To correct this, remove everything from the platter and press the ZERO key when the stable indicator “▼” is on. Below is a possible zero drifted state that should be corrected by simply pressing the ZERO key.

EX) Initial weight displayed => 0.002.



Press “ZERO” key to set initial zero.



3.3 Tare

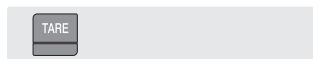
You can enter tare weights as long as there are no PLUs or MISC PLUs called-up. If you need to temporarily override a PLU's tare weight, you must enter the tare weight first and then call-up that PLU. There are two ways to enter a tare weight and both ways will only work if there is no PLU or MISC PLU called-up.

3.3.1 Manual Tare Entry 1

Enter a tare weight manually by pressing the numeric keys EX) 150 g



Press "TARE" key.

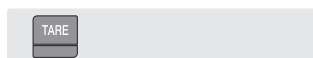


3.3.2 Weighed Tare Entry

Place the empty container on the platter making sure that the weight is stable EX) 0.15 kg

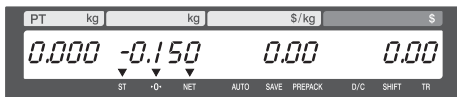


Press "TARE" key.

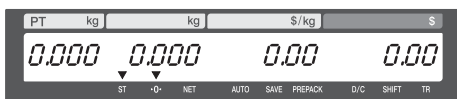


3.3.3 How to Clear Tare

Remove the item from the platter



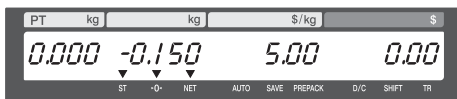
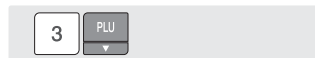
Press “TARE” key again.



3.3.4 Preset Tare

Call up a PLU including tare(weight of container).

EX) PLU #3 s tare =150 g



Clear PLU#3, then tare is also automatically cleared.

3.3.5 Successive Tare

Enter tare (weight of container) using numeric keys.

EX) 150 g



Enter the weight of container using numeric keys.
EX) 200 g

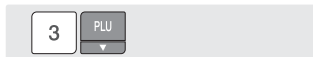
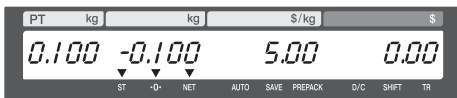


Press “TARE” key after removing item and container from the platter.

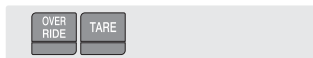
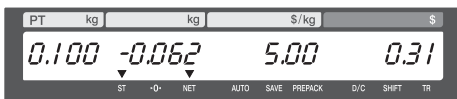
Note: Parameter 605 “Accumulation Tare” and parameter 606 “Subtraction Tare” must be set.

3.3.6 Tare Override

Call up a PLU including tare (weight of container).
EX) PLU #3 s tare = 100 g



Place the container (Weight of container must be greater than weight data input) for TARE OVERRIDE.



Pressing “TARE” key overrides current PLU tare (weight of container) and the weight becomes “0”.

Note: Parameter “603 PLU Tare Override” must be set.

3.4 Calling Up a PLU

There are two ways to call up a PLU by using numeric key and preset key. (speed key)

3.4.1 Using Numeric Key

Enter PLU number by using numeric keys and press “PLU” key.
EX) PLU No. 15



Note: Even though you do not press PLU key after entering a PLU number, PLU will be displayed depending on the setting time. It takes time to call up a PLU depending on the setting of parameter, 586 “Indirect PLU Call Time”.

3.4.2 Using Speed Key

To call-up PLU number 79, and you programmed Speed key #5 to be PLU number 79, then you need to press the following key: Speed key #5.

Note: You have to set Speed key in program mode (Menu 1160 on chapter 2.6)

Press a speed key (which is save as a PLU).
EX) PLU #79=Apple, Speed key #5



3.5 Override (FOR key)

The OVERRIDE key is used to temporarily change the pricing of priced PLUs.

- ➔ If you set program menu 1873(Save unit price change), changed priced is saved after printing a label.
- ➔ Parameter 534 : Default Unit Weight is different from unit weight of PLU, "Multiple Unit PLU" message can be occurred.

3.5.1 By-Weight PLU

- PLU# 1.MEAT (PLU Type : By weight, Unit Price : 1.99\$).

Press OVERRIDE key.



Enter new unit price.



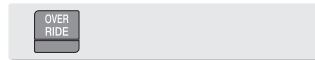
Press PRINT key to print label.



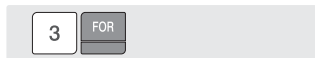
3.5.2 By-Count PLU

- PLU# 2.APPLE (PLU Type : By count, Unit Price : 1.00\$).

Press OVERRIDE key.



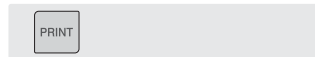
Enter QUANTITY and press FOR key.



Enter new unit price.



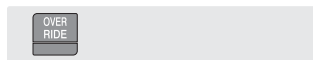
Enter QUANTITY and press FOR key.



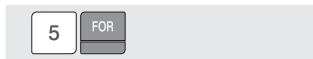
3.5.3 By-PCS PLU

- PLU# 3.Eggs (PLU Type : By PCS, Pieces : 3, Unit Price : 30.00\$).

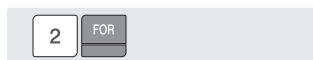
Press OVERRIDE key.



Enter QUANTITY and press FOR key.



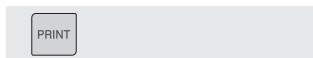
Enter PIECES and press FOR key



Enter new unit price.



Press PRINT key to print label.



- Note:** - If you set program menu 1873(Save unit price change), changed priced is saved after printing a label.
 - If you set parameter 501(Ride Second Position), you can change unit price of by-count PLU and pcs of by-pcs PLU directly.
 - Discount function is not available when you use OVERRIDE key.

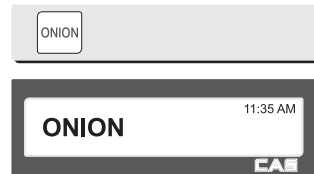
3.6 Sales Operation

3.6.1 Weighed Item Operation

EXAMPLE:

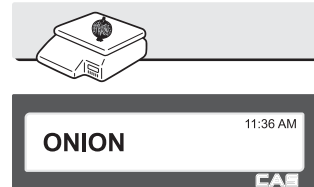
- PLU No : 29, PLU Name: ONION, PLU type : by weight, Unit Price : 1.50\$,
- Sales Weight =1.0kg

Press Speed key to call up a PLU.

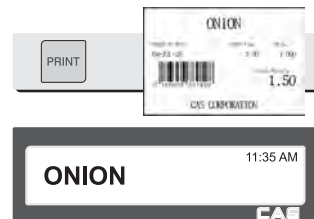


User may call up a PLU by pressing speed key or numeric key. Please refer to chapter 3.4 for details.

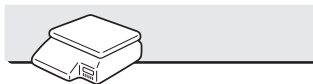
Place the item(s) on the platter.



Press "PRINT" key to print a label and complete current transaction. This transaction(s) is saved in the sales record.



Remove the item(s) from the platter.



* Total Price= Sales weight X Unit price

Note: - In "SAVE" & "Prepack" mode the PLU is not automatically cleared when you remove the item from the platter.

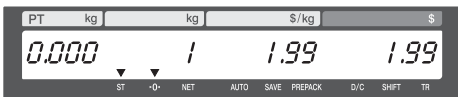
- If you set "PLU clr Aft sale(WT.OnTray)" to "Y" in Menu 1873, PLU is cleared even though you do not remove the item from the platter. (See chapter 2.14.21 for menu 1873)

3.6.2 By Count Item

EXAMPLE:

- PLU No : 31, PLU Name: MANGO, PLU type = By-Count, Unit Price: 1.99\$,
- Sales 20 pieces.

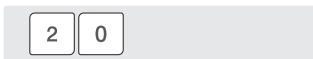
Press numeric key(s) to call up a PLU.



User may call up a PLU by pressing speed key or numeric key. Please refer to chapter 3.4 for details.

Enter the number of pieces.

EX) 20 pieces.



Press “PRINT” key to print a label and complete current transaction. This transaction(s) is saved in the sales record.



* Total Price= Piece(s) X Unit price

Note: - In “SAVE” & “Prepack” mode, the PLU called up is not automatically cleared when you remove the item from the platter.

3.6.3 By PCS Item

EXAMPLE:

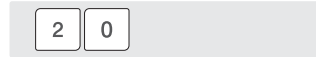
- PLU No : 30, PLU Name: ORANGE, PLU type = By PCS, PIECES: 5, Unit Price : 1.99\$
- Sales = 20 pieces. [QUANTITY item]

Press numeric key(s) to call up a PLU.



User may call up a PLU by pressing speed key or numeric key. Please refer to page 143 for details.

Enter QUANTITY [the number of Pieces].
EX) 20 pieces.



Press “PRINT” key to print a label and complete current transaction. This transaction(s) is saved in the sales record.



* Total Price= QUANTITY X [Unit price / PIECES]

Note: - In “SAVE” & “Prepack” mode the PLU is not automatically cleared when you remove the item from the platter.

3.7 Discount

Before using discount function, you have to set discount data in menu 1130 of program mode. Discount is different depending on PLU type. (For details, see chapter 2.4.1)

3.7.1 Unit Price Discount - By Weight PLU

EXAMPLE:

- PLU# 29=Water Melon (By-Weight PLU), Unit price=20.00

- 1st Target of Discount: "Discount amount from unit price"=0.50 for weight 0.500.
- 2nd Target of Discount: "Discount amount from unit price"=1.00 for weight 1.000.

Call up a PLU.



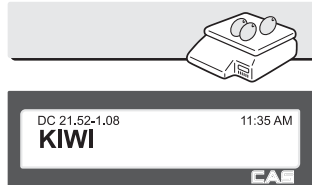
Place an item on the platter. In this case, discount is not available because the weight of this item (0.489 kg) is lower than 1st target(0.500 kg).



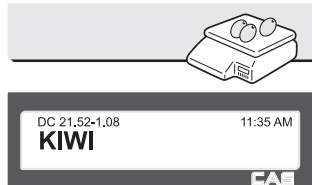
Place an item on the platter. In this case, discount is possible because the weight of item(0.526 kg) is greater than 1st target (0.500kg) therefore the total price is 10.26.



Place items on the platter. In this case, discount is possible because the weight of item(1.076 kg) is greater than 1st target(0.500kg) therefore the total price is 20.44\$.



Press the PRINT key. Markdown(STRIKE THROUGH) is printed on label as figure.



Note: - You can set four markdown information in menu 1720 of program mode.(See chapter 2.13.3)

- If you set "display discount info." to "Y" in menu 1871 of program mode, you can see total price and discount information on the display. (See chapter 2.14.21)

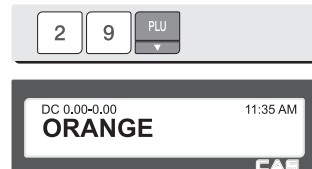
3.7.2 % Unit Price Discount - By Weight PLU

EXAMPLE:

- PLU# 29=ORANGE (By-Weight PLU), Unit price=20.00

- 1st Target of Discount: "10 % off from unit price" for sales weight 0.500 kg.
- 2nd Target of Discount: "20 % off from unit price" for sales weight 1.000 kg.

Call up a PLU.

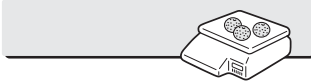


* User may call up a PLU by pressing speed key or numeric key. Please refer to chapter 3.4 for details.

Place an item on the platter. In this case, discount is not available because the weight of this item (0.489 kg) is lower than 1st target(0.500 kg).



Place items on the platter. In this case, the weight of items(0.526 kg) is greater than 1st target(0.500 kg) therefore you can have 10% discount. (Total price is 9.47)



Place items on the platter. In this case, the weight of items(1.076kg) is greater than 2nd target(1.000kg) therefore you can have 20% discount. (Total price is 17.22)



Press the PRINT key. Markdown(STRIKE THROUGH) is printed on label as figure.



3.7.3 Unit Price Discount - By PCS PLU

EXAMPLE 2:

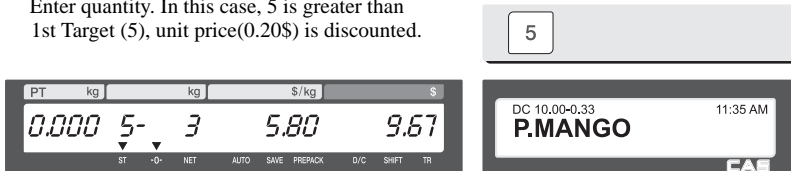
- PLU# 30=PREMIUM MANGO, 3 pieces FOR 6.00

- 1st Target of Discount: "Discount amount from unit price"=0.20 for sales 5 pieces.
- 2nd Target of Discount: "Discount amount from unit price"=0.50 for sales 10 pieces.

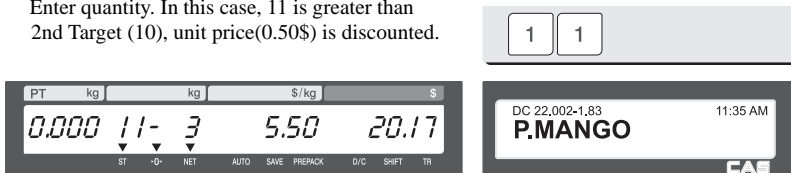
Call up a PLU.



Enter quantity. In this case, 5 is greater than 1st Target (5), unit price(0.20\$) is discounted.



Enter quantity. In this case, 11 is greater than 2nd Target (10), unit price(0.50\$) is discounted.



Press the PRINT key. Markdown(STRIKE THROUGH)s printed on label as figure.



Note: - You can set four markdown information in menu 1720 of program mode.(See chapter 2.13.3)

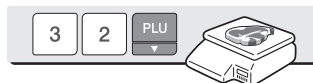
3.8 Add-Up Transaction

If you press the ADD key instead of the PRINT key, you will initiate the ADD-UP process. You can ADD-UP 399 items maximum.

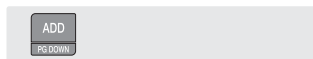
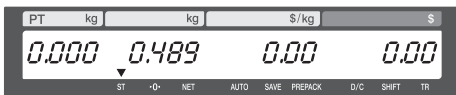
EXAMPLE 2:

- PLU# 32=SIRLOIN, PLU Type = By-Weight, Unit Price=20.00,
- PLU# 35=T-bone Steak, PLU Type = By-PCS, Pieces=3, Unit Price=6.00

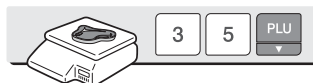
Call up a PLU and place item on the platter.



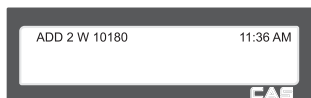
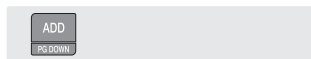
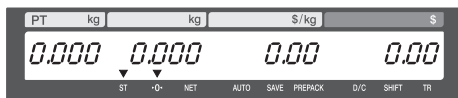
Press ADD key. PLU is cleared automatically.
You will see the display as below. Remove item from the platter.



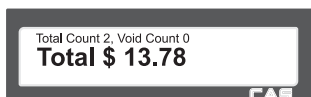
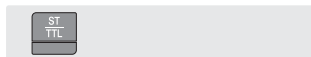
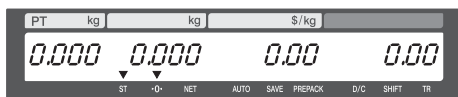
Call up a PLU. and place item on the platter



Press ADD key. PLU is cleared automatically.
You will see the display as below.



You can repeat the ADD-UP process up to 100 times or you can press the ST/TTL key at anytime to see the grand-total.



To complete the sale, press the PRINT key.
(To repeat the ADD-UP process, press the ESC key.)



Note: - You can press the VOID key to undo the transaction. (See chapter 3.10).

- If you set "Print Item Label" to "Y" in menu 1750 of program mode, label will be printed whenever you press the ADD key. (See chapter 2.13.3)
- Even though you turn off the scale before printing a grand total label, add-up data is not cleared.

3.9 Clerk Operation

There are three clerk modes as below.

Clerk Modes

| No | Clerk Modes | Description |
|----|----------------|---|
| 1 | No Clerk | Sales clerk does not log in and makes sales using "PRINT" key. |
| 2 | Standard Clerk | Generating a standard clerk transaction is the same as any sales mode transaction except that you do NOT press the PRINT key; instead you must press one of the V(Clerk-Speed) keys (1 through 4) You can print total price label depending on the setting. |
| 3 | Floating Clerk | Generating a standard clerk transaction is the same as any sales mode transaction except that you do NOT press the PRINT key; instead you must press one of the V(Clerk-Speed) keys (1 through 4) You can print total price label depending on the setting. Sales data is added automatically. |

To register clerk, refer to menu code 1850 of program mode. (See chapter 2.14.6)

Assumption

- Clerk should be registered on menu 1850. (See chapter 2.14.6)
- Clerk number should be set on menu 1856 to use "V1, V2, V3, and V4" keys (See chapter 2.14.12) If the clerk is not assigned to V1~V4, this clerk has to enter password after pressing V key.
- All clerks can use "V" key.
- * Up to 100 transactions are available in Clerk mode
- * Sales data is saved in memory.
- * If you press PRINT key to complete transaction, grand total price is printed and sales data is cleared from memory.
- * If you want to see total price before completing transaction, press the ST/TTL key. To print, press the PRINT key.
- * Even though you turn off the scale before printing, sales data is not cleared.
- * If you want to print ticket when you log out, press V1, V2, V3 or V4 to log on and press the PRINT key. You can also check total price by pressing ST/TTL key after log on.

Note: - You have to set Clerk log out time in menu 1874 of program mode.
(See chapter 2.14.21) If you do not call a PLU and do not operate the scale, time is computed. To set 30 seconds for logout time, enter 300. If you do not want to log out, enter 0.

- When there is no PLU, you can print ticket again by pressing X key (It depends on the setting of parameter 599, Print last ticket)

3.9.1 Standard Clerk Operation

Assumption

- You have to set "Select Clerk Sale mode" to "2" (Standard Clerk) in menu 1820 of program mode. (See chapter 2.14.3)

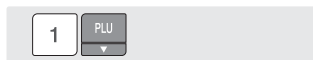
EXAMPLE 2:

Clerk No: 2, Clerk Name: Christine, Clerk Key: V1

PLU#1=Apple, Unit Price 10.00, Weight, 1.2 kg

PLU#2=Orange, Unit Price 20.00, Weight, 1.2 kg

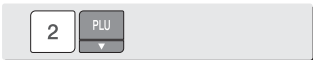
Call up a PLU.



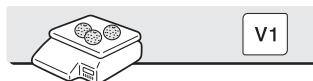
Place an item and press V1 key. You will get a label automatically.



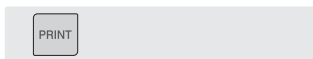
Call up a PLU.



Place an item and press V1 key. You will get a label automatically.



Press the PRINT key to complete transaction. If you are in ADD-UP mode, you can have label for grand total price.



Note: - If you are in ADD-UP mode, you can have label for grand total price by pressing PRINT key. When you turn on the scale, this function is not active so you have to press ADD key.

3.9.2 Floating Clerk Operations

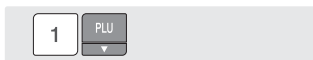
Assumption

- You have to set Select Clerk Sale mode to 3 (Floating Clerk) in menu 1820 of program mode. (See chapter 2.14.3)

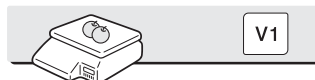
EXAMPLE :

Clerk No: 2, Clerk Name: Christine, Clerk Key: V1
 PLU#1=Apple, Unit Price 10.00.
 PLU#2=Orange, Unit Price 20.00 10 pieces.

Call up a PLU.



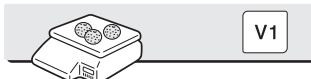
Place an item on the platter and press the V1 key.
This transaction is save to memory.



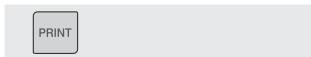
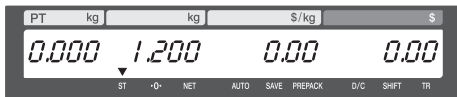
Call up a PLU #2.



Place an item on the platter and press the V1 key.
This transaction is saved to memory.



Press the PRINT key to complete transaction.
Grand total price label is printed and sales
data is cleared in memory.



- Note:** - Print mode of floating clerk operation is ticket type as default. If you want to use label type, you have to change setting in menu 1731 of program mode. (See chapter 2.13.5)
- You can set ticket item in menu 1761 of program mode. (See chapter 2.13.15)

3.10 Void

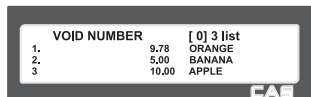
You can press the VOID key to undo transaction in add-up process or floating clerk operation.

Assumption)

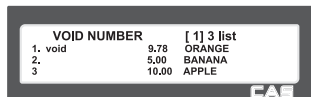
You sold several items

If there is no PLU or price is zero.

Press the VOID key, you will see following screen.



To void ORNAGE, enter 1 by pressing numeric key and press the PRINT.

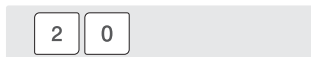


To void ORNAGE, enter 1 by pressing

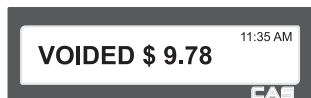
* You can use the PG UP and PG DOWN keys or the Arrow keys to navigate up and down the list.

If there is same PLU and same price to void

Place item on the platter



Press VOID key then this sale is cleared.



* If price is not same, void list screen is shown on the display automatically.

3.11 Payment & Change

Payment

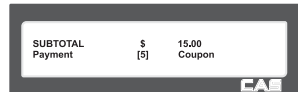
| No | Type |
|----|-------------|
| 0 | Cash |
| 1 | Pin/chip |
| 2 | Check |
| 3 | Credit card |
| 4 | Credit note |
| 5 | Coupon |
| 6 | Bonus point |
| 7 | Credit |

You can use PAY key in the add-up process or floating clerk operation.

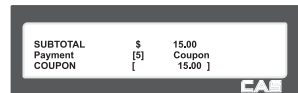
EX) Total price : 15.00 \$

If customer give 6.00 coupon and cash 10.00 \$ to clerk

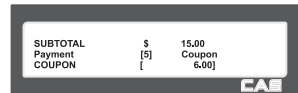
Press PAY key when there is subtotal price



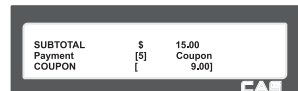
Select payment type 5(coupon) and press PRINT key.
See Payment table.



Enter 6.00




Press PRINT key then you can select payment type again.




Select Payment type (0 cash) and press
PRINT key.

| | | |
|----------|-----|--------|
| SUBTOTAL | \$ | 15.00 |
| Payment | [0] | Cash |
| COUPON | [| 9.00] |




Enter 10.00.

| | | |
|----------|-----|---------|
| SUBTOTAL | \$ | 15.00 |
| Payment | [0] | Cash |
| COUPON | [| 10.00] |



Press PRINT key. The label is issued.

| | | |
|----------|----|-------|
| SUBTOTAL | \$ | 15.00 |
| RECEIVE | \$ | 16.00 |
| CHANGE | \$ | 1.00 |



* Total price, receive and change is printed.

Note: - You can set print item in menu 1760 of program mode. (See chapter 2.13.14)
- If there is credit, a receipt is printed additionally.

3.12 Return

The RETURN key is used to delete erroneous sale transactions. You can use the RETURN key to undo erroneous sales transactions like pressing the PRINT key inadvertently, selecting and printing the wrong PLU, an inadvertent Auto-Print in Pre-Pack mode, or perhaps adjusting the sales totals for a damaged or ruined package. Whatever the reason, the RETURN function will decrement returned PLU s transaction counter and sales totals by the specified amount.

You need to call-up the PLU that you wish to return by either pressing its corresponding speed key or typing its number.

When the price is zero,

- 0) By weight PLU : You need to enter the total price and weight that was printed on the return PLU s label
- 1) By count PLU: You need to enter the total price and quantity that was printed on the return PLU s label

When the price is higher than zero,
Return function is performed by pressing RETURN key

Note: - If you set Shift key instead return key to "Y" in menu 1873 of program mode, you cannot use return function. (See chapter 2.14.21)
- If parameter 596 X/Z Report is not set, this function will not operated.

3.13 Prepack Key

Pre-Pack mode, it prints labels automatically. When it is in MANUAL mode, you must press the PRINT key (or ADD key) to get a label. In Pre-Pack mode, you can not select AUTO mode. Pre-Pack works like AUTO and SAVE mode except that the weight does not need to return to zero for every auto-print.

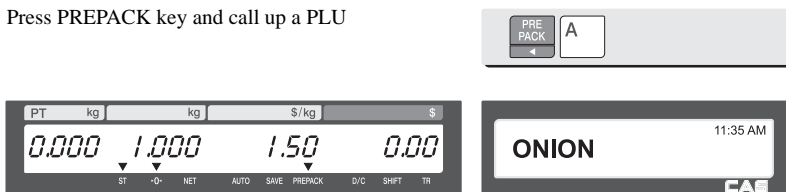
Pre-pack mode is very useful in backyard applications. This mode increases productivity by not requiring the user to press the PRINT key for every package. Instead the user can concentrate on weighing, wrapping, and labeling

This function is only available for by-weight PLU.

EXAMPLE:

Speed key #1= Onion Unit price=1.50, Sales Weight=1.0kg,

Press PREPACK key and call up a PLU



* User may call up a PLU by pressing speed key or numeric key. Please refer to Menu code 1160.

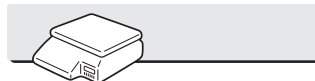
Place the item(s) on the platter.



Label is issued automatically.



Remove the item(s) from the platter.



Note: - If the scale is in Prepack mode then it will always auto-print if the Total price is greater than 0.00 and:

1. The weight deviates by an amount greater than or equal to the Parameter 862 setting(Min. weight for sale) and the weight stabilizes at a weight greater than zero.
2. The weight deviates by an amount greater than or equal to the Parameter 861 setting(Auto threshold) and the weight stabilizes at a weight greater than zero.

3.14 X Key

The X key is used to print multiple transactions for the same PLU. The X key operation is called the Multi-Label function.

3.14.1 By-Weight PLU

Note: If you want to use X key for by-weight PLU, you must set Parameter 582, Use "X" key (by WT.).

EXAMPLE:

Speed key #1= "Onion" preset key, Unit price=1.50, Sales Weight=1.0kg,

Call up a PLU

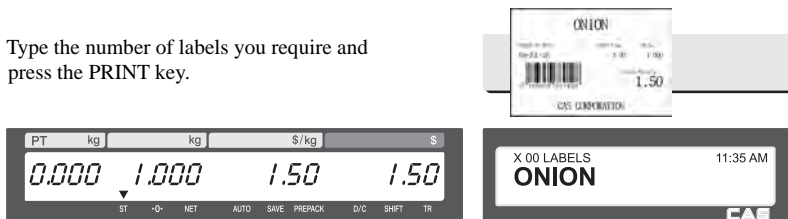


* You can call up a PLU by pressing speed key key or numeric key. Please refer to chapter 3.4 for details.

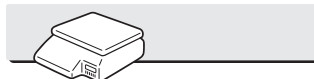
Place the item(s) on the platter.



Type the number of labels you require and press the PRINT key.



Remove the item(s) from the platter.



Note: - If you set “Label Prt. w.o Rewind (X Key)” to “Y” in menu 1872 of program mode, the scale does not check peel-off, so you have to press FEED key after printing is done. (See chapter 2.14.21)

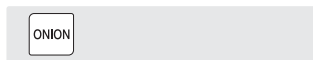
- If you set “Use double print(AUTO)” to “Y” in menu 1872 of program mode, you will have two same labels in auto mode.
- If you set 2nd label in PLU programming, 2nd label is issued automatically.

3.14.2 Non-Weighed PLU

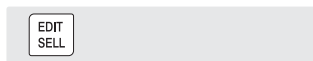
You can use X key for by Count, By PCS PLU without any setting. The way of using X key is same as by-weight PLU except weighing item.

3.15 How to Change Sell By Date/Time

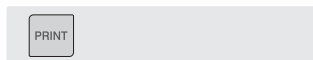
Call up a PLU



Press EDIT SELL key to enter both of effective date and time.



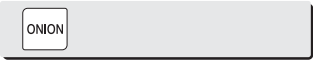
Press PRINT key to complete saving.



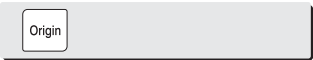
Note: - To use EDIT SELL key, you have to set this key in menu 1880 of program mode. (See chapter 2.14.22)

3.16 How to Change Origin

Call up a PLU



Press ORIGIN key to retrieve one of origin data saved.

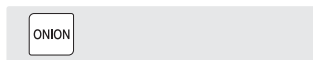


Note: - To use ORIGIN key, you have to set this key in menu 1880 of program mode. (See chapter 2.14.22)

3.17 How to Change PLU Type

Note: If you set “Save Type change” to “Y” in menu 1873 of program mode, changed PLU type is saved. (See chapter 2.14.21)

Press “WT/CT” key to change PLU type from By-weight to By-count PLU or vice versa.



If you change by-Weight PLU to by-count PLU, quantity is set 1 and unit price is same.

If you change by-count PLU to by-weight PLU, unit price is same.

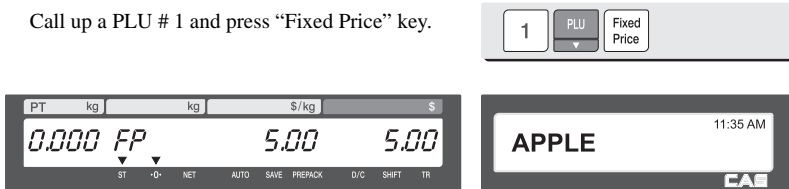
If there is discount information on PLU, you can not change PLU type.

3.18 Direct Discount

If there is no discount information in PLU, you can use this function.

3.18.1 Fixed Price Key

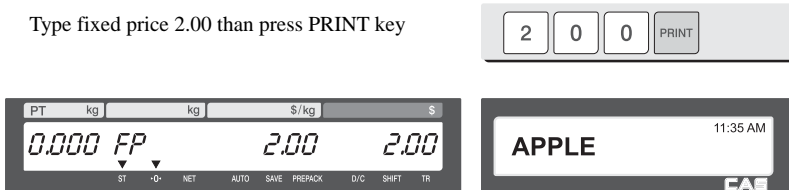
Call up a PLU # 1 and press “Fixed Price” key.



Press “Override Key”



Type fixed price 2.00 than press PRINT key



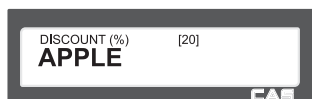
Note: - To use Fixed Price Key, you have to set this key in menu 1880 of program mode. (See chapter 2.14.22)

3.18.2 % Discount Price Key

Call up a PLU(#1.APPLE) and press
“%Discount” key



Enter % amount to discount and press PRINT key
Ex) 20%



Place item on the platter and press PRINT key.



Note: - To use % DISCOUNT key, you have to set this key in menu 1880 of program mode. (See chapter 2.14.22)

3.19 PLU Connection

3.19.1 Referenced PLU Function

If you press REFERENCE key after calling up a PLU which has reference information, reference will be shown on the display.

To use this function, you have to set reference department and reference PLU when you create PLU.

3.19.2 Coupled PLU Function

Automatically coupled PLU is called up after transaction.
You can use this function when you sell two or more items as package.

To use this function, you have to set reference department and reference PLU when you create PLU.

3.20 Sales Operation Control Parameters

3.20.1 Fixed Weight

- You can set fixed weight when you create PLU
If you call up this PLU, the weight is not changed.
- You can use IN WEIGHT key.
Call up a PLU and enter a fixed weight by using OVERRIDE key and press IN WEIGHT key.

3.20.2 Prepack Without Report

The transaction data is not added to report while using prepack mode.

- You have to set Parameter 597(Prepack report) to use this function. Also, Parameter 596 should be set to Y

4. APPENDIX

4.1 Label Format

There are fixed label format and user label format

| | Fixed Label Format | User Label Format |
|----------|-------------------------|--|
| No. | 1~50 | 51~99 |
| Quantity | 45 | 20 |
| Method | Built in CL5000 | Download from PC |
| Features | You cannot edit format. | Using the PC program, you can program format numbers 51 to 99. In ticket mode, it is available to use Head/Tail format. |

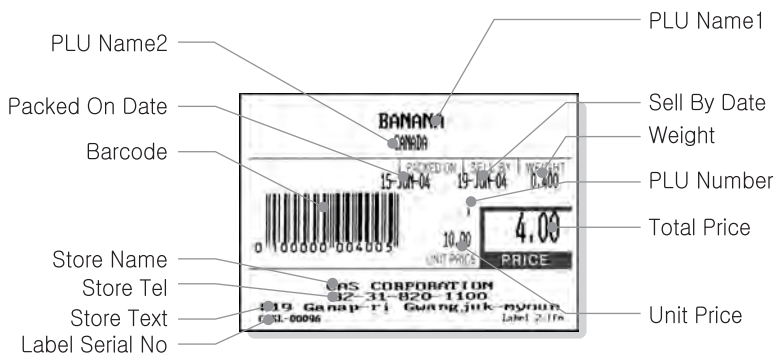
Fixed Label Format

| No | Name | Width(mm) | Length(mm) | No | Name | Width(mm) | Length(mm) |
|----|--------------|-----------|------------|----|--------------|-----------|------------|
| 1 | IS6030-00001 | 60 | 30 | 17 | IS5653-00017 | 56 | 53 |
| 2 | IS6030-00002 | 60 | 30 | 18 | IS5054-00018 | 50 | 54 |
| 3 | IS6030-00003 | 60 | 30 | 19 | IS5054-00019 | 50 | 54 |
| 4 | IS5635-00004 | 56 | 35 | 20 | IS6051-00020 | 60 | 51 |
| 5 | IS5635-00005 | 56 | 35 | 21 | IS6051-00021 | 60 | 51 |
| 6 | IS5635-00006 | 56 | 35 | 22 | IS6060-00022 | 60 | 60 |
| 7 | IS6040-00007 | 60 | 40 | 23 | IS6060-00023 | 60 | 60 |
| 8 | IS6040-00008 | 60 | 40 | 24 | IS5068-00024 | 50 | 68 |
| 9 | IS6040-00009 | 60 | 40 | 25 | IS5068-00025 | 50 | 68 |
| 10 | IS6040-00010 | 60 | 40 | 26 | IS5068-00026 | 50 | 68 |
| 11 | IS6040-00011 | 60 | 40 | 27 | IS6063-00027 | 60 | 63 |
| 12 | IS6040-00012 | 60 | 40 | 28 | IS6063-00028 | 60 | 63 |
| 13 | IS5040-00013 | 50 | 40 | 29 | IC6040-00029 | 60 | 40 |
| 14 | IS5040-00014 | 50 | 40 | 30 | IC6040-00030 | 60 | 40 |
| 15 | IS5040-00015 | 50 | 40 | 31 | IS6040-KR001 | 60 | 40 |
| 16 | IS5653-00016 | 56 | 53 | 32 | IS6030-KR002 | 60 | 30 |

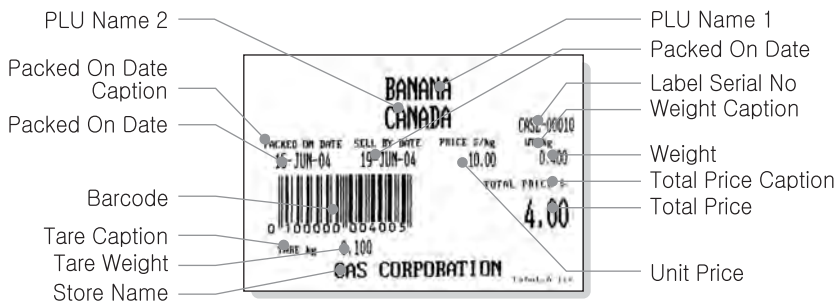
| No | Name | Width(mm) | Length(mm) | No | Name | Width(mm) | Length(mm) |
|----|--------------|-----------|------------|----|--------------|-----------|------------|
| 33 | IS6032-KR003 | 60 | 32 | 40 | IS6040-KR010 | 60 | 40 |
| 34 | IS6060-KR004 | 60 | 60 | 41 | IS6040-KR011 | 60 | 40 |
| 35 | IS6032-KR005 | 60 | 32 | 42 | IS6045-KR012 | 60 | 45 |
| 36 | IS6042-KR006 | 60 | 42 | 43 | IS6044-KR013 | 60 | 44 |
| 37 | IS6045-KR007 | 60 | 45 | 44 | IS6055-KR014 | 60 | 55 |
| 38 | IS6050-KR008 | 60 | 50 | 45 | IS6060-KR015 | 60 | 60 |
| 39 | IS6045-KR009 | 60 | 45 | | | | |

4.2 Fixed Label Format Sample

(1) Label sample 1



(2) Label sample 2



4.3 Fixed Label Format Sample

Label Format has several fields and each field has own ID.
Item label print the information of each PLU sale and Total label print the information of grand total of PLUs. Item Label field is separate from Total Label field. But the information of store and clerk is common item.

4.3.1 Item Label Field

(1) Item Field

| No | Item | Field ID | Description |
|----|-----------------|----------|---|
| 1 | Department Name | 1 | Print department name. |
| 2 | Department No | 115 | Print department number. |
| 3 | Group No | 9 | Print group number |
| 4 | PLU No | 2 | Print PLU number |
| 5 | PLU Name | 10 | Print PLU name1,2 and 3 in one field |
| 6 | PLU Name1 | 29 | Print PLU name1,2 and 3, Depending on the setting of MENU 1862 "Print origin for comm. line" , Origin can be printed. |
| 7 | PLU Name2 | 30 | |
| 8 | PLU Name3 | 31 | |
| 9 | Item Code | 11 | Print item code |
| 10 | Prefix | 3 | Print prefix |
| 11 | Unit Weight | 5 | Print unit weight |
| 12 | Tax Rate | 8 | Print tax rate, It is printed with %. |
| 13 | Tax Price | 111 | Print tax price. |
| 14 | Tare Weight | 13 | Print tare weight. |
| 15 | Pieces | 14 | Print Piece for By-Pcs PLU |
| 16 | Qty Symbol | 15 | Print symbol of Quantity. |
| 17 | Sell By Date | 16 | Print sell by date. |

| No | Item | Field ID | Description |
|----|-----------------------------|----------|---|
| 18 | Sell By Time | 17 | Print sell by time. If sell by time is 0, it is not printed |
| 19 | Packed On Date | 18 | Print packed on date. |
| 20 | Packed On Time | 19 | Print packed on time |
| 21 | Produced Date | 20 | Print produced date. If produced date is 0, it is not printed |
| 22 | Cook By Date | 22 | Print cook by date. If cook by date is 0, it is not printed |
| 23 | Bonus Point | 50 | Print bonus point. |
| 24 | Origin | 55 | Print origin |
| 25 | Ingredient | 25 | Print ingredient |
| 26 | Sales Message | 90 | Print sales message |
| 27 | Reference Net Weight | 100 | Print net weight. In case of By-Count/By-Pcs PLU, net weight is printed when you print weight. In case of By-Weight PLU, net weight is printed when you use percent tare. |
| 28 | Reference Gross Weight | 116 | Print gross weight. In case of By-Weight PLU, gross weight is printed when you use percent tare. |
| 29 | Percent Tare | 24 | Print percent tare. It is printed with %. |
| 30 | Percent Tare Limit | 23 | Print percent tare limit. It is printed with %. |
| 31 | Weight | 101 | Print weight when it is not applied Markdown (By-Weight PLU) |
| 32 | Discount Weight | 132 | Print new weight when it is applied Markdown (By-Weight PLU) |
| 33 | Discount Weight (Mark Down) | 108 | Print previous weight when it is applied Markdown (By-Weight PLU) |
| 34 | Quantity | 112 | Print quantity when it is not applied Markdown (By-Count/By-Pcs PLU) |
| 35 | Discount Quantity | 133 | Print new quantity when it is applied Markdown (By-Count/By-Pcs PLU) |

| No | Item | Field ID | Description |
|----|-------------------------------------|----------|--|
| 36 | Discount Quantity (Mark Down) | 134 | Print previous quantity when it is applied Markdown (By-Count/By-Pcs PLU) |
| 37 | Unit Price | 6 | Print unit price when it is not applied Markdown |
| 38 | Discount Unit Price | 113 | Print new unit price when it is applied Markdown |
| 39 | Discount Unit Price (Mark Down) | 109 | Print previous unit price when it is applied Markdown. |
| 40 | Total Price | 102 | Print total price when it is not applied Markdown |
| 41 | Discount Total Price | 114 | Print new total price when it is applied Markdown |
| 42 | Discount Total Price (Mark Down) | 110 | Print previous total price when it is applied Markdown |
| 43 | Saved Price | 131 | Print saved price when it is discounted. |
| 44 | Label Serial | 135 | Print label serial number |
| 45 | Store Name | 105 | Print store name |
| 46 | Store Tel | 138 | Print Telephone numer of store |
| 47 | Store Text | 139 | Print information of store. |
| 48 | Clerk Number | 128 | Print clerk number |
| 49 | Clerk Name | 106 | Print clerk name |
| 50 | Customer Name | 107 | Print customer name |
| 51 | Customer Number | 130 | Print customer number |
| 52 | Scale Number | 137 | Print scale number |
| 53 | Day Of Week(Packed On) | 117 | Print Day Of Week(Packed On Date) |
| 54 | Currency Rate | 119 | Print Currency Rate |
| 55 | Second Currency Total Price | 118 | Print Second Currency Total Price |
| 56 | Second Currency Unit Price | 120 | Print Second Currency Unit Price |

(2) Caption Field

| No | Item | Field ID | Description |
|----|--------------------------------|----------|--|
| 1 | (C)Total Price | 170 | Print the caption of total price |
| 2 | (C)Unit Price | 171 | Print the caption of unit price |
| 3 | (C)Weight | 172 | Print the caption of weight (Only By-Weight PLU) |
| 4 | (C)Tare | 173 | Print the caption of tare weight |
| 5 | (C)Saved Price | 174 | Print the caption of saved price |
| 6 | (C)Regular Price | 175 | Print the caption of regular price |
| 7 | (C)Tax Price | 176 | Print the caption of tax price |
| 8 | (C)Packed On Date | 177 | Print the caption of packed on date |
| 9 | (C)Sell By Date | 178 | Print the caption of Sell By Date/Time if it is existed. |
| 10 | (C)Cook By Date | 179 | Print the caption of Cook By Date. If the value is 0, it is not printed. |
| 11 | (C)Produced Date | 180 | Print the caption of Produced Date. If the value is 0, it is not printed. |
| 12 | (C)Packed On Time | 181 | Print the caption of Packed On Time |
| 13 | (C)Sell By Time | 182 | Print the caption of Sell By Time. If the value is 0, it is not printed. |
| 14 | (C)Quantity | 183 | Print the caption of quantity. (By-Count/By-Pcs PLU) |
| 15 | (C)Reference | 184 | Print the caption of Traceability Reference |
| 16 | (C)Born In | 185 | Print the caption of Born In Country |
| 17 | (C)Bred In | 186 | Print the caption of Bred In Country |
| 18 | (C)Slaughtered In | 187 | Print the caption of Slaughter House |
| 19 | (C)Cut In | 188 | Print the caption of Cutting Hall. |
| 20 | (C)Net Weight | 189 | Print the caption of Net Weight |
| 21 | (C)Gross Weight | 193 | Print the caption of Gross Weight |
| 22 | (C)Percent Tare | 194 | Print the caption of Percent Tare |
| 23 | (C)Percent Tare Limit | 195 | Print the caption of Percent Tare Limit |
| 24 | (C)Second Currency Total Price | 198 | Print the caption of second currency total price |
| 25 | (C)Second Currency Unit Price | 199 | Print the caption of second currency unit price |

(3) Traceability Field

| No | Item | Field ID | Description |
|----|-----------------------|----------|------------------------------------|
| 1 | (T)Traceability No | 35 | Print Traceability Number |
| 2 | (T)Born in Country | 36 | Print Born In Country Name |
| 3 | (T)Bred in Country | 37 | Print Bred In Country Name |
| 4 | (T)Slaughter House | 38 | Print Slaughter House Name |
| 5 | (T)Slaughter Country | 39 | Print Slaughter House Country Name |
| 6 | (T)Cutting Hall | 40 | Print Cutting Hall Name |
| 7 | (T)Cutting Country | 41 | Print Cutting Hall Country Name |
| 8 | (T)Reference | 42 | Print Reference |
| 9 | (T)Born in Country No | 43 | Print Born In Country Number |
| 10 | (T)Bred in Country No | 44 | Print Bred In Country Number |
| 11 | (T)Slaughter House No | 45 | Slaughter House Number |
| 12 | (T)Cutting Hall No | 46 | Print Cutting Hall Number |

(4) Nutrition Facts Field

| No | Item | Field ID | Description |
|----|---------------------------|----------|--|
| 1 | (N)Serving Size | 140 | Print Serving Size |
| 2 | (N)Servings Per | 141 | Print Servings Per Container |
| 3 | (N)Calories | 142 | Print Calories |
| 4 | (N)Calories From Fat | 143 | Print Calories From Fat |
| 5 | (N)Total Fat | 144 | Print Total Fat |
| 6 | (N)Saturated Fat | 145 | Print Saturated Fat |
| 7 | (N)Cholesterol | 146 | Print Cholesterol |
| 8 | (N)Sodium | 147 | Print Sodium |
| 9 | (N)Total Carbohydrates | 148 | Print Total Carbohydrates |
| 10 | (N)Dietary Fibers | 149 | Print Dietary Fibers |
| 11 | (N)Sugars | 150 | Print Sugars |
| 12 | (N)Protein | 151 | Print Protein |
| 13 | (N)Vitamin A | 152 | Print Vitamin A |
| 14 | (N)Calcium | 153 | Print Calcium |
| 15 | (N)Vitamin C | 154 | Print Vitamin C |
| 16 | (N)Iron | 155 | Print Iron |
| 17 | (N)Total Fat DV | 156 | Print Daily Value of Total Fat |
| 18 | (N)Saturated Fat DV | 157 | Print Daily Value of Saturated Fat |
| 19 | (N)Cholesterol DV | 158 | Print Daily Value of Colesterol, |
| 20 | (N)Sodium DV | 159 | Print Daily Value of Sodium |
| 21 | (N)Total Carbohydrates DV | 160 | Print Daily Value of Total Carbohydrates |
| 22 | (N)Dietary Fibers DV | 161 | Print Daily Value of Dietary Fibers |
| 23 | (N)Protein DV | 162 | Print Daily Value of Protein |

4.3.2 Total Label Field

(1) Total Field

| No | Item | Field ID | Description |
|----|------------------------------------|----------|-----------------------------------|
| 1 | (TOTAL)Total Price | 201 | Print total price |
| 2 | (TOTAL)Total Count | 202 | Print total number of item |
| 3 | (TOTAL)Void Price | 203 | Print voided price |
| 4 | (TOTAL)Void Count | 204 | Print voided number of |
| 5 | (TOTAL)Internal Tax Amount | 205 | Print internal tax price |
| 6 | (TOTAL)External Tax Amount | 206 | Print external tax price |
| 7 | (TOTAL)Total Price(Exclude Tax) | 207 | Print total price exclude tax |
| 8 | (TOTAL)Total Price(Include Tax) | 211 | Print total price include tax |
| 9 | (TOTAL)Payment Price | 208 | Print payment price |
| 10 | (TOTAL)Change Price | 209 | Print change price |
| 11 | (TOTAL)Current Date | 103 | Print current date |
| 12 | (TOTAL)Current Time | 104 | Print current time |
| 13 | (TOTAL)Total Tax Amount | 210 | Print total tax amount |
| 14 | (TOTAL)Second Currency Total Price | 212 | Print second currency total price |
| 15 | Store Name | 105 | Print store name |
| 16 | Store Tel | 138 | Print telephone number of store |
| 17 | Store Text | 139 | Print information of store |
| 18 | Clerk Number | 128 | Print clerk number |
| 19 | Clerk Name | 106 | Print clerk name |
| 20 | Customer Name | 107 | Print customer name |
| 21 | Customer ID | 130 | Print customer ID |
| 22 | Scale Number | 137 | Print scale number |
| 23 | Currency Rate | 119 | Print currency rate |

(2) Caption Fieldd

| No | Item | Field ID | Description |
|----|---|----------|---|
| 1 | (C)(TOTAL)Total Count | 190 | Print the caption of total Item number |
| 2 | (C)(TOTAL)Payment Price | 191 | Print the caption of payment |
| 3 | (C)(TOTAL)Change Price | 192 | Print the caption of change price |
| 4 | (C)(TOTAL)Total Price | 196 | Print the caption of total price |
| 5 | (C)(TOTAL)Total Tax | 197 | Print the caption of total tax price |
| 6 | (C)Second Currency Total Price for Total Label | 200 | Print the caption of second currency total price |
| 7 | (C)Void Price for Total Label | 168 | Print the captoin of void price |
| 8 | (C)(TOTAL)Void Count | 169 | Print the caption of void count |

4.4 ASCII Code Table

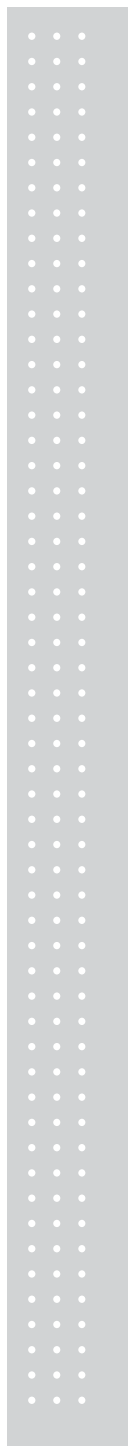
Microsoft Window Codepage 1252

| | 00 | 01 | 02 | 03 | 04 | 05 | 06 | 07 | 08 | 09 | 0A | 0B | 0C | 0D | 0E | 0F |
|----|--------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|-------------|------------|-------------|-------------|------------|------------|------------|-------------|
| 00 | NUL 0000 | STX 0001 | SOT 0002 | ETX 0003 | EOT 0004 | ENQ 0005 | ACK 0006 | BEL 0007 | BS 0008 | HT 0009 | LF 000A | VT 000B | FF 000C | CR 000D | SO 000E | SI 000F |
| 10 | DLE 0010 | DC1 0011 | DC2 0012 | DC3 0013 | DC4 0014 | NAK 0015 | SYN 0016 | ETB 0017 | CAN 0018 | EM 0019 | SUB 001A | ESC 001B | FS 001C | GS 001D | RS 001E | US 001F |
| 20 | SP 0020 | ! | " | # | \$ | % | & | ' | (|) | * | + | , | - | . | / |
| 30 | 0 | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | : | ; | < | = | > | ? |
| 40 | @ | A | B | C | D | E | F | G | H | I | J | K | L | M | N | O |
| 50 | P | Q | R | S | T | U | V | W | X | Y | Z | [| \ |] | ^ | _ |
| 60 | ` | a | b | c | d | e | f | g | h | i | j | k | l | m | n | o |
| 70 | p | q | r | s | t | u | v | w | x | y | z | { | | } | ~ | DEL 007F |
| 80 | € 20AC | | ¡ 201A | ¢ 0192 | £ 201E | ... | † 2020 | ‡ 2021 | ˆ 02C6 | % 2030 | Š 0160 | < 2039 | œ 0152 | | Ž 017D | |
| 90 | | ˆ 2018 | ˆ 2019 | ˆ 201C | ˆ 201D | ˆ 2022 | ˆ 2013 | ˆ 2014 | ˆ 02DC | ˆ 2122 | ˆ 0161 | ˆ 203A | ˆ 0153 | | ˆ 017E | ˆ 0178 |
| A0 | NBSP 00A0 | ı 00A1 | ı 00A2 | ı 00A3 | ı 00A4 | ı 00A5 | ı 00A6 | ı 00A7 | ı 00A8 | ı 00A9 | ı 00AA | ı 00AB | ı 00AC | ı 00AD | ı 00AE | ı 00AF |
| B0 | ° 00B0 | ± 00B1 | ² 00B2 | ³ 00B3 | ¼ 00B4 | ½ 00B5 | ¾ 00B6 | • 00B7 | ¸ 00B8 | ¹ 00B9 | º 00BA | » 00BB | ¼ 00BC | ½ 00BD | ¾ 00BE | ¿ 00BF |
| C0 | À 00C0 | Á 00C1 | Â 00C2 | Ã 00C3 | Ä 00C4 | Å 00C5 | Æ 00C6 | Ç 00C7 | È 00C8 | É 00C9 | Ê 00CA | Ë 00CB | Ì 00CC | Í 00CD | Î 00CE | Ï 00CF |
| D0 | Ð 00D0 | Ñ 00D1 | Ò 00D2 | Ó 00D3 | Ô 00D4 | Õ 00D5 | Ö 00D6 | × 00D7 | Ø 00D8 | Ù 00D9 | Ú 00DA | Û 00DB | Ü 00DC | Ý 00DD | Þ 00DE | ß 00DF |
| E0 | à 00E0 | á 00E1 | â 00E2 | ã 00E3 | ä 00E4 | å 00E5 | æ 00E6 | ç 00E7 | è 00E8 | é 00E9 | ê 00EA | ë 00EB | ì 00EC | í 00ED | î 00EE | ï 00EF |
| F0 | ð 00F0 | ñ 00F1 | ò 00F2 | ó 00F3 | ô 00F4 | õ 00F5 | ö 00F6 | ÷ 00F7 | ø 00F8 | ù 00F9 | ú 00FA | û 00FB | ü 00FC | ý 00FD | þ 00FE | ÿ 00FF |

Note: To enter A, first you have to read 40 in a row and 01 in a column and type 41.

4.5 Window Character Set Information

| Code | Short Name | Description | Country |
|------|--------------------------|---------------------------|--|
| 1250 | Central Europe | Windows Latin 2 | Albania, Croatia, Czech, Faeroese, Hungarian, Polish, Romanian, Serbian(Latin), Slovak, Slovenian |
| 1251 | Cyrillic | Windows Cyrillic (Slavic) | Byelorussian, Bulgarian, Russian, Ukrainian |
| 1252 | Latin 1 | Windows Latin 1 (ANSI) | Afrikaans, Catalan, Danish, Dutch, English, USA, Canada, New Zealand, Austria, Ireland, South Africa, Finnish, French, Belgium, Switzerland, Luxembourg, German, Austria, Liechtenstein, Italian, Icelandic, Indonesian, Norwegian, Portuguese, Brazil, Spanish, Mexico, Swedish |
| 1253 | Greek | Windows Greek | Greek |
| 1254 | Turkish | Windows Latin 5 (Turkish) | Turkish |
| 1255 | Hebrew | Windows Hebrew | Hebrew |
| 1256 | Arabic | Windows Arabic | Saudi Arabia, Iraq, Egypt, Libya, Algeria, Morocco, Tunisia, Oman, Yemen, Syria, Jordan, Lebanon, Kuwait, United Arab Emirates, Bahrain, Qatar, Farsi |
| 1257 | Baltic | Windows Baltic Rim | Estonian, Latvian, Lithuanian |
| 1258 | Vietnam | | Vietnam |
| 874 | Thai | | Thai |
| 932 | Japanese Shift-JIS | | Japan |
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